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GENERAL NOTES

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH BY IBC 2018 EDITION AND SHALL CONFORM TO ALL OTHER APPLICABLE MUNICIPAL, STATE, AND FEDERAL REGULATIONS INCLUDING THE ILLINOIS ACCESSIBILITY CODE (2018) AND THE AMERICANS WITH DISABILITIES ACT.

A. GENERAL NOTES

1. ALL CONTRACTORS ARE REQUIRED TO VISIT THE SITE AND BE KNOWLEDGEABLE REGARDING EXISTING CONDITIONS AND THEIR EFFECT ON THE PROPOSED WORK. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR, ANY CONDITIONS REQUIRING MODIFICATION BEFORE PROCEEDING WITH THE PROJECT.
2. NOTIFY THE OWNER'S REPRESENTATIVE A MINIMUM OF 72 HOURS PRIOR TO THE INTERRUPTION OF ANY UTILITY.
3. PROTECT AND KEEP IN SERVICE ACTIVE UNDERGROUND UTILITIES, PIPES, OR CONDUITS, WHETHER INDICATED ON THE DRAWINGS OR NOT, UNLESS SPECIFICALLY CALLED FOR TO BE REMOVED, RELOCATED, OR DISCONNECTED AND ABANDONED.
4. CONTRACTORS AND SUBCONTRACTORS SHALL COORDINATE THEIR WORK WITH THAT OF OTHER TRADES.
5. NO WORK WILL BE PERMITTED TO BE INSTALLED WITHOUT RECEIPT AND SUBSEQUENT REVIEW OF FULL AND COMPLETE SUBMITTALS BY THE ARCHITECT/ENGINEER.
6. DO NOT SCALE DRAWINGS, DIMENSIONS INDICATED TAKE PRECEDENCE OVER SCALE.
7. VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD. WHERE DISCREPANCIES ARE FOUND BETWEEN DIMENSIONS OR ELEVATIONS SHOWN AND ACTUAL FIELD CONDITIONS, NOTIFY ARCHITECT/ENGINEER.
8. WHERE CONFLICTS MAY EXIST BETWEEN THE REQUIREMENTS OF PORTIONS OF THE CONTRACT DOCUMENTS, THE GREATER QUANTITY, HIGHER QUALITY OR MORE STRINGENT REQUIREMENT SHALL GOVERN. THEREFORE, BY EXECUTING A CONTRACT FOR CONSTRUCTION, THE CONTRACTOR AGREES THAT, IF IT RAISED NO QUESTIONS REGARDING SUCH CONFLICTS DURING THE BIDDING PROCESS, AND IN THE ABSENCE OF A CLARIFYING ADDENDUM ISSUED DURING THE BIDDING PROCESS, IT HAS VOLUNTEERED TO COMPLY WITH THE MORE EXPENSIVE REQUIREMENT AS PART OF ITS BASE BID AND IS NOT ENTITLED TO ANY ADDITIONAL COMPENSATION TO RESOLVE THE CONFLICT.
9. THE CONTRACT DOCUMENTS REQUIRE THE CONTRACTOR TO FURNISH AND INSTALL COMPLETE PRODUCTS, SYSTEMS AND SERVICES. BY EXECUTING A CONTRACT FOR CONSTRUCTION, THE CONTRACTOR AGREES THAT THE DRAWINGS SET FORTH THE DESIGN INTENT AND, THEREFORE, MAY NOT EXPRESSLY DEPICT EVERY LENGTH, SEGMENT, PIECE, PART, COMPONENT OR UNIT OF A PRODUCT, SYSTEM OR SERVICE. THE CONTRACTOR FURTHER AGREES THAT, AS PART OF ITS BID, IT MUST FURNISH AND INSTALL EVERY LENGTH, SEGMENT, PIECE, PART, COMPONENT OR UNIT OF A PRODUCT, SYSTEM OR SERVICE AND, CONSEQUENTLY, THE CONTRACTOR IS NOT ENTITLED TO ANY ADDITIONAL COMPENSATION FOR ANY LENGTH, SEGMENT, PIECE, PART COMPONENT OR UNIT OF A PRODUCT, SYSTEM OR SERVICE BECAUSE IT IS NOT EXPRESSLY DEPICTED HEREIN.
10. THE CONTRACT DOCUMENTS REQUIRE THE CONTRACTOR TO INSTALL A CONTINUOUS AIR BARRIER THROUGHOUT THE BUILDING ENVELOPE, IN COMPLIANCE WITH THE 2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC), SECTION C402.5 – AIR LEAKAGE. CONTRACTOR AND ITS SUBCONTRACTORS AGREE TO BE JOINTLY AND SEPARATELY RESPONSIBLE FOR COORDINATING AND VERIFYING THAT ALL SOURCES OF AIR LEAKAGE IN THE BUILDING THERMAL ENVELOPE ARE CAULKED, GASKETED, WEATHER STRIPPED, OR OTHERWISE APPROPRIATELY SEALED AIR-TIGHT USING CODE- COMPLIANT ALTERNATIVES AS APPROPRIATE FOR EACH MATERIAL AND CONDITION/LOCATION. PROVIDE AIR BARRIER MATERIALS HAVING AN AIR PERMEABILITY NO GREATER THAN 0.004 cfm/ft² (L/sm²) UNDER PRESSURE DIFFERENTIAL OF 0.3 INCHES WATER GAUGE (75 Pa) WHEN TESTED IN ACCORDANCE WITH ASTM E2178, AND COMPLY WITH IECC 2018 SECTION C402.5.1.2.1 – MATERIALS.

B: MISCELLANEOUS AND DEMOLITION NOTES

1. COORDINATE PENETRATIONS AND/OR SLEEVES REQUIRED IN WALLS, FLOORS, CEILINGS OR ROOFS FOR MECHANICAL AND ELECTRICAL WORK REQUIRED BY ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.
2. SEAL WITH UL APPROVED MATERIALS PENETRATIONS OF DUCTWORK, CONDUIT AND PIPES THROUGH FIRE-RATED ASSEMBLIES, TO MAINTAIN THE RATING INTEGRITY OF THOSE ASSEMBLIES. PROVIDE FIRE DAMPERS AS INDICATED ON THE DRAWINGS.
3. SEAL WITH ACOUSTICAL SEALANT PENETRATIONS OF DUCTWORK, CONDUIT AND PIPES THROUGH NON-RATED FLOORS, FULL-HEIGHT WALLS/PARTITIONS, ACOUSTICALLY INSULATED WALLS/PARTITIONS, AND SOUND-RATED WALLS/PARTITIONS, TO MAINTAIN THE ACOUSTICAL INTEGRITY OF THOSE ASSEMBLIES.
4. APPLY APPROPRIATE & COMPATIBLE SEALANT MATERIALS AS REQUIRED TO SEPARATE DISSIMILAR METALS, FILL GAPS IN EXISTING ASSEMBLIES OR WHERE NEW AND EXISTING ASSEMBLIES MEET OR WHERE OTHERWISE REQUIRED BY THE SPECIFICATIONS.
5. BRING ANY UNFORESEEN OR CONFLICTING CONDITIONS TO THE IMMEDIATE ATTENTION OF THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
6. REPAIR, PATCH, OR REPLACE FINISH MATERIALS OR VISIBLE ASSEMBLIES THAT ARE SOILED, CUT OR DAMAGED IN ANY FASHION DURING THE COURSE OF THE WORK. PERFORM PATCHING SUCH THAT EDGES BLEND INTO CONTIGUOUS SURFACES SMOOTHLY, MATCHING TEXTURE AND COLOR OF ADJACENT SURFACES.

STANDARD ABBREVIATIONS

@	AT
A B	ANCHOR BOLT
ABR	ABRASIVE
ACP	ACOUSTICAL CEILING PANEL
ACT	ACOUSTICAL CEILING TILE
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
ACOU	ACOUSTIC
ADD'N	ADDITION
ADD'L	ADDITIONAL
ADJ	ADJACENT OR ADJUSTABLE
AL	ALUMINUM
ALT	ALTERNATE
ANCHR	ANCHOR
AP	ACCESS PANEL
APPROX	APPROXIMATE
ASPH	ASPHALT
AUTO	AUTOMATIC
AVG	AVERAGE
BSMT	BASEMENT
B/	BOTTOM OF
BD	BOARD
BET	BETWEEN
BIT	BITUMINOUS
BLDG	BUILDING
BLKG	BLOCKING (WOOD)
BM	BEAM
B.M.	BENCH MARK
BRG	BEARING
BRKT	BRACKET
BRK	BRICK
BT STL PL	BENT STEEL PLATE
CJ	CONSTRUCTION OR CONTRACTION JOINT
CAB	CABINET
CEM PL-(1)	CEMENT PLASTER (TYPE)
CT PAV-(1)	CERAMIC PAVER TILE (TYPE)
CIP	CAST-IN-PLACE
CLG	CEILING
CLR	CLEAR
C.O.	CLEAN-OUT
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
COMB	COMBINATION
COMP	COMPRESSIBLE OR COMPACTED
CONC	CONCRETE
CONC OPNG	CONCRETE OPENING
COND	CONDITION
CONT	CONTINUOUS
CONTR	CONTRACT(OR)
CPT-(1)	CARPET (TYPE)
CT-(1)	CERAMIC TILE (TYPE)
CTR	COUNTER
CTR SK	COUNTER SINK
CTRS	CENTER(S)
CUH	CABINET UNIT HEATER
CUV	CABINET UNIT VENTILATOR
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DO	DOOR OPENING
DR	DOOR
DWGS	DRAWINGS
DTL	DETAIL
DWL'S	DOWELS
EA	EACH
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRIC/ELECTRICAL
ELEC CONTR	ELECTRICAL CONTRACTOR
ELEV	ELEVATOR OR ELEVATION
EMBED	EMBEDMENT
EMER	EMERGENCY
EP	EPOXY
EQ	EQUAL
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EXIST	EXISTING
EXP	EXPANSION
EXP CONST	EXPOSED CONSTRUCTION
FD	FLOOR DRAIN
FDN	FOUNDATION
FNDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FHC	FIRE HOSE CABINET
FIN	FINISH
FLR	FLOOR
FRT	FIRE RETARDANT TREATED
FUR CHN'L	FURRING CHANNEL
FTG	FOOTING
GA	GAUGE
GALV	GALVANIZED
GEN CONTR	GENERAL CONTRACTOR
GC	GENERAL CONTRACTOR
GL	GLASS
GYP BD-(1)	GYPSUM WALL BOARD (TYPE)
GYP PL-(1)	GYPSUM PLASTER (TYPE)
H	HIGH
HD	HEAVY DUTY OR HARD
HDNR	HARDENER
HD WD-(1)	HARD WOOD (TYPE)
HDWR	HARDWARE
HT	HEIGHT
HM	HOLLOW METAL
HP	HIGH POINT
HORIZ	HORIZONTAL
HTG	HEATING
HVAC	HEATING/VENTILATING/AIR CONDITIONING
IN	INCH
ID	INSIDE DIAMETER
INCL	INCLUDE/INCLUDING/INCLUDED
INSUL	INSULATION/INSULATING/INSULATED
JT	JOINT
KD	KNOCK DOWN
L	LONG
LAM	LAMINATE/LAMINATING/LAMINATED
LAV	LAVATORY
LH	LEFT HAND
LP	LOW POINT
LT WT	LIGHTWEIGHT
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LVR	LOUVER
MO	MASONRY OPENING
MT	METAL THRESHOLD
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MB (16)	MARKERBOARD (LENGTH IN FEET)
MECH	MECHANICAL
MECH CONTR	MECHANICAL CONTRACTOR
MFR	MANUFACTURER
MIN	MINIMUM OR MINUTE(S)
MISC	MISCELLANEOUS
MSB	MOP SERVICE BASIN (SINK)
MT(D)	MOUNT(ED)
MTL	METAL
NIC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
NO	NUMBER
OA	OVERALL OR OUTSIDE AIR
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE OR OPPOSITE FACE
OPNG	OPENING
OPP	OPPOSITE OR OPPOSITE HAND
PSF	POUNDS PER SQUARE FOOT
PS	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED OR PAINT
PTN	PARTITION
PVMT	PAVEMENT
PC	PIECE
PL	PLATE
PLAM	PLASTIC LAMINATE(D)
PL	PLASTER
PLB'G	PLUMBING
PLB'G CONTR	PLUMBING CONTRACTOR
PLYWD	PLYWOOD
PNT	PAINT
PO	PRECAST (CONCRETE) OPENING
PVC	POLYVINYL CHLORIDE
PL-(1)	GYPSUM PLASTER (TYPE)
R	RISER
R OR RAD	RADIUS
RD	ROOF DRAIN
RO	ROUGH OPENING
RF (1)	RUBBER FLOORING (TYPE)
RH	RIGHT HAND
REF	REFERENCE
REINF	REINFORCE/REINFORCING/REINFORCED
REQ'D	REQUIRED
RM	ROOM
SF	SQUARE FOOT
SI	SQUARE INCH
SK	SINK
SS	STAINLESS STEEL
SSK	SERVICE SINK
SQ	SQUARE
SCHED	SCHEDULE
SEAL/HDNR	SEALER/HARDENER
SEC	SECTION
SHT	SHEET
SIM	SIMILAR
SOG	SLAB ON GRADE
SPEC(S)	SPECIFICATION(S)
SPC'G	SPACING
SPK'R	SPEAKER
STD	STANDARD
STD WT	STANDARD WEIGHT
STL	STEEL
STRUCT	STRUCTURE OR STRUCTURAL
SUSP	SUSPEND(ED)
SYM	SYMMETRICAL
T	TREAD
T&G	TONGUE AND GROOVE
T/BEAM	TOP OF
T/BEAM	TOP OF BEAM
T/C	TOP OF CURB
T/FNDN	TOP OF FOUNDATION
T/STL	TOP OF STEEL
T/WALL	TOP OF WALL
TB (4)	TACKBOARD (LENGTH IN FEET)
T/MAS	TOP OF MASONRY
TYP	TYPICAL
UD	(WINDOW) UNIT DIMENSION
UNO	UNLESS NOTED OTHERWISE
VBC	VINYL BASE COVED
VBS	VINYL BASE STRAIGHT
VCT	VINYL COMPOSITION TILE
VEN PL (1)	VENEER PLASTER (TYPE)
VERT	VERTICAL
W	WIDE OR WIDTH
W/	WITH
W/O	WITHOUT
WCG	WALL CORNER GUARD
WD	WOOD
WDW	WINDOW
WT	WEIGHT
WP	WATER PROOF
WWF	WELDED WIRE FABRIC
WSB	WALL SERVICE BASIN

THE MATERIALS, ABBREVIATIONS, AND DRAFTING SYMBOLS LEGEND ARE EACH AN ALL INCLUSIVE MASTER LIST USED BY THIS FIRM. THE INCLUSION OF THESE LEGENDS INTO THESE DOCUMENTS DOES NOT IMPLY THAT ALL THE SYMBOLS OR MATERIALS INCLUDED IN THESE LEGENDS ARE INCORPORATED INTO THIS PROJECT. ABBREVIATIONS MAY APPEAR WITH PERIODS OR OTHER PUNCTUATION SEPARATING CHARACTERS ON THE DRAWINGS; THE MEANING REMAINS THE SAME.

DRAFTING SYMBOLS AND MATERIALS LEGEND

DETAIL NUMBER / DRAWING NUMBER — 8 / A12.24
DETAIL NUMBER / DRAWING NUMBER — 23 / A7.19
DETAIL NUMBER / DRAWING NUMBER — 2, 6, A9.16, 5, 3
DETAIL NUMBER / DRAWING NUMBER — 1 / A6.05
COLUMN NO. — 26
REFERENCE LINE NO. — 26
LOCATION ELEVATION — T/1ST FLR. 100'-0"
ROOM NUMBER — 204
DOOR NO. NEW — 203.2
DOOR NO. EXISTING — 203.1X
NOMINAL THICKNESS / CONSTRUCTION TYPE / SPECIAL CONDITION — M8b
KEYNOTE IDENTIFICATION — 7.531
WINDOW TYPE IDENTIFICATION — X
TOILET ACCESSORY IDENTIFICATION — A
SPOT ELEVATION — T/1ST FLR. 100'-0"
CONCRETE
BRICK MASONRY IN PLAN
CONCRETE MASONRY IN PLAN (RUNNING BOND)
CONCRETE MASONRY IN PLAN (STACK BOND)
STONE MASONRY IN PLAN
RAKED JOINT IN PLAN CTRL./EXP. JOINT IN PLAN
BRICK MASONRY IN SECTION DETAIL
CONCRETE MASONRY IN SECTION DETAIL
STONE MASONRY IN SECTION DETAIL
STEEL IN SECTION DETAIL
DISCONTINUOUS ROUGH WOOD BLOCKING IN SECTION
CONTINUOUS ROUGH WOOD FRAMING/BLOCKING IN SECTION
FINISHED WOOD IN SECTION DETAIL
RIGID BOARD INSULATION
RIGID BOARD INSULATION (ROOFING)
BATT INSULATION
GYPSUM BOARD
ACOUSTICAL CEILING PANEL
BITUMINOUS CONCRETE (ASPHALT) PAVING IN SECTION
AGGREGATE BALLAST, FILL OR BACKFILL IN SECTION
UNDISTURBED EARTH
EARTH BACKFILL

KENDALL COUNTY FOREST PRESERVE DISTRICT

PROJECT — KEN PICKERILL HOUSE RENOVATIONS
6350 MINKLER ROAD
YORKVILLE, IL 60560

OWNER — KENDALL COUNTY FOREST PRESERVE DISTRICT
110 W. MADISON STREET
YORKVILLE, IL 60560

ARCHITECT/ ENGINEER — KLUBER ARCHITECTS + ENGINEERS
41 W. BENTON STREET
AURORA, ILLINOIS 60506
TEL (630) 406-1213
FAX (630) 406-9472
www.kluberinc.com

REQUIRED CODE COMPLIANCE INFORMATION

REQUIRED PLAN COVER SHEET
INFORMATION FOR REVIEW
UNDER 2018 INTERNATIONAL CODES,
STATE OF ILLINOIS ACCESSIBILITY CODE, AND
THE STATE OF ILLINOIS PLUMBING CODE
CODE REVIEW DATA

GENERAL STATEMENT OF OVERALL PROJECT SCOPE AND INTENT:

PROJECT CONSISTS OF INTERIOR ALTERATIONS AND REMODELING TO AN EXISTING MULTI-STORY BUILDING, MINOR SITE RENOVATIONS AND NEW EXTERIOR CANOPY. BUILDING COMPONENTS AND SYSTEMS MODIFIED OR REPLACED AS PART OF THE WORK OF THIS PROJECT HAVE BEEN BROUGHT UP TO MEET THE REQUIREMENTS OF THE APPLICABLE CURRENT CODES.

A. USE AND OCCUPANCY GROUP(S) CLASSIFICATION: B.
B. TYPE OF CONSTRUCTION: VB
C. SQUARE FOOTAGE OF BUILDING: TOTAL 1ST FLOOR SQ FT. IS 4,565; TOTAL RENOVATED AREAS SQUARE FOOTAGE IS 3,280.
BUILDING HAS 100% OPEN PERIMETER > 30 FEET IN WIDTH.
ALLOWABLE SQUARE FOOTAGE: 9,000 SF.
NOT SPRINKLERED; A NEW, FULL FIRE ALARM SYSTEM WITH SMOKE DETECTION WILL BE INSTALLED WITH THIS PROJECT.
D. OCCUPANT LOAD BASED ON INTERNATIONAL BUILDING CODE: 128 OCCUPANCY
E. OCCUPANT LOAD BASED ON ILLINOIS PLUMBING CODE: 64 MALE, 64 FEMALE
F. DESIGNED LIVE LOADS: NOT APPLICABLE FOR EXISTING BUILDING; THIS IS AN EXISTING BUILDING, TO WHICH NO MODIFICATIONS ARE BEING MADE TO STRUCTURAL COMPONENTS. SEE SHEET S010 FOR STRUCTURAL INFORMATION ON CANOPY.
G. THE DESIGN PROFESSIONALS IN RESPONSIBLE CHARGE ARE IDENTIFIED IN THE SEALS AND CERTIFICATES AREA, BELOW.

SEALS & CERTIFICATIONS

I HAVE PREPARED, OR CAUSED TO BE PREPARED UNDER MY DIRECT SUPERVISION, THE ATTACHED PLANS AND SPECIFICATIONS AND STATE THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND TO THE EXTENT OF MY CONTRACTUAL OBLIGATION, THEY ARE IN COMPLIANCE WITH IBC 2018 EDITION, THE ENVIRONMENTAL BARRIERS ACT AND THE ILLINOIS ACCESSIBILITY CODE.

KLUBER, INC. ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE #184-001284

ARCHITECT'S SEAL — LICENSED ARCHITECT, CHRISTOPHER J. HANSEN, 001-016014, STATE OF ILLINOIS
expires 11-30-20 22
signature
January 28, 2022
date
"G" SERIES, "A" SERIES

STRUCTURAL ENGINEER'S SEAL — LICENSED STRUCTURAL ENGINEER, JEFFREY M. BRUNS, 081-006044, STATE OF ILLINOIS
expires 11-30-20 22
signature
January 28, 2022
date
"G" SERIES, "S" SERIES

MECHANICAL ENGINEER'S SEAL — LICENSED PROFESSIONAL ENGINEER, DONALD D. WARE, JR., 062-052082, STATE OF ILLINOIS
expires 11-30-20 23
signature
January 28, 2022
date
"G" SERIES, "P" SERIES, "M" SERIES

ELECTRICAL ENGINEER'S SEAL — LICENSED PROFESSIONAL ENGINEER, MICHAEL T. KLUBER, 062-047325, STATE OF ILLINOIS
expires 11-30-20 23
signature
January 28, 2022
date
"G" SERIES, "E" SERIES

INDEX OF DRAWINGS

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E300	BASEMENT ELECTRICAL PLAN
E310	FIRST FLOOR ELECTRICAL PLAN
E311	ELECTRICAL CANOPY & PATIO PLAN
E320	ELECTRICAL SECOND FLOOR PLAN
E330	ELECTRICAL ROOF PLAN
E620	ELECTRICAL SCHEDULES & DETAILS

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KENDALL COUNTY FOREST PRESERVE DISTRICT
110 W. MADISON STREET
YORKVILLE, IL 60560

ISSUED
01/28/22 BID DOCUMENTS

JOB NO. 19-429-1250
DRAWN PJT
CHECKED CJH
APPROVED CJH

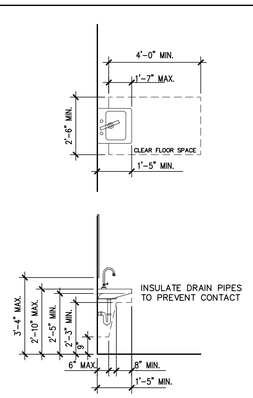
SHEET TITLE
COVER SHEET, GENERAL NOTES, SYMBOLS AND DRAWING INDEX

SHEET NUMBER
G100

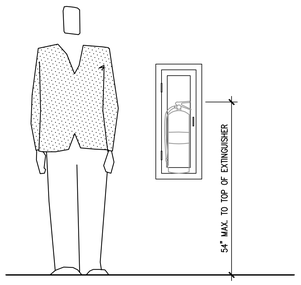
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NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

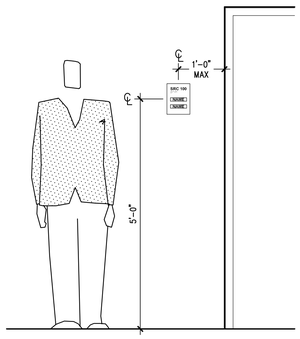
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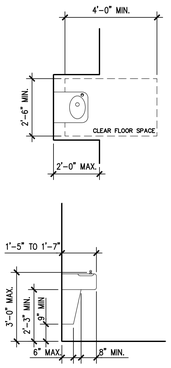
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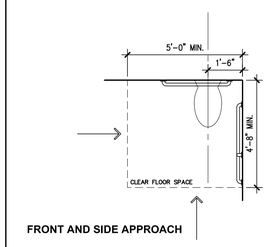
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N.T.S.



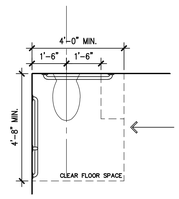
INTERIOR SIGNAGE 8
N.T.S.



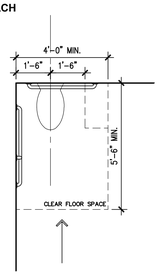
DRINKING FOUNTAIN 5
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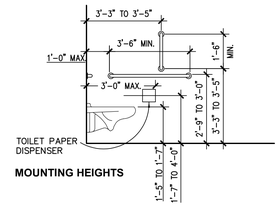
FRONT AND SIDE APPROACH



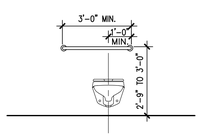
SIDE APPROACH



FRONT APPROACH

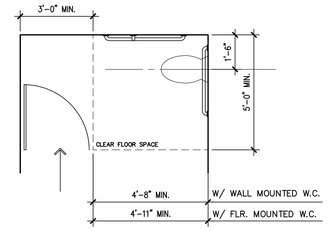


MOUNTING HEIGHTS

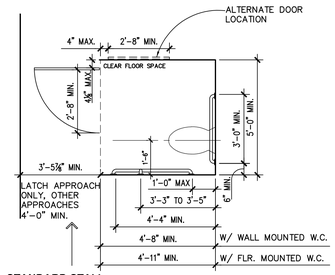


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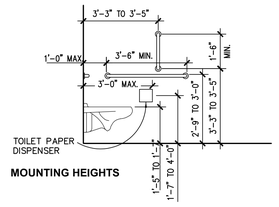
SINGLE-USER TOILET ROOM 4
N.T.S.



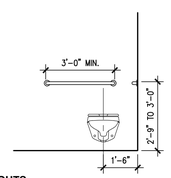
STALL AT END OF ROW



STANDARD STALL

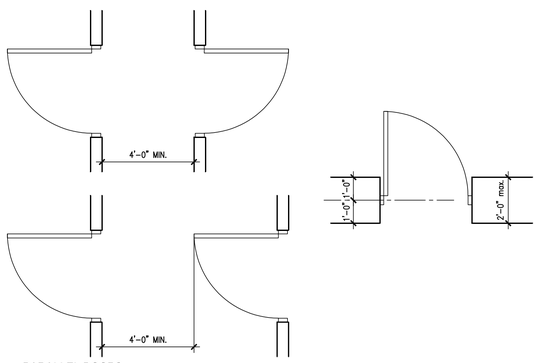


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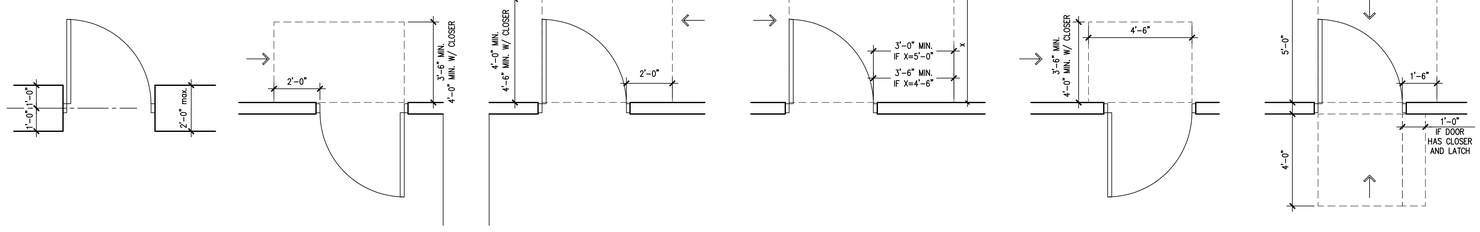


MOUNTING HEIGHTS

MULTI-USER TOILET ROOM 3
N.T.S.



PARALLEL DOORS



DOOR CLEARANCES 2
N.T.S.

GENERAL NOTES

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ACCESSIBILITY REQUIREMENTS

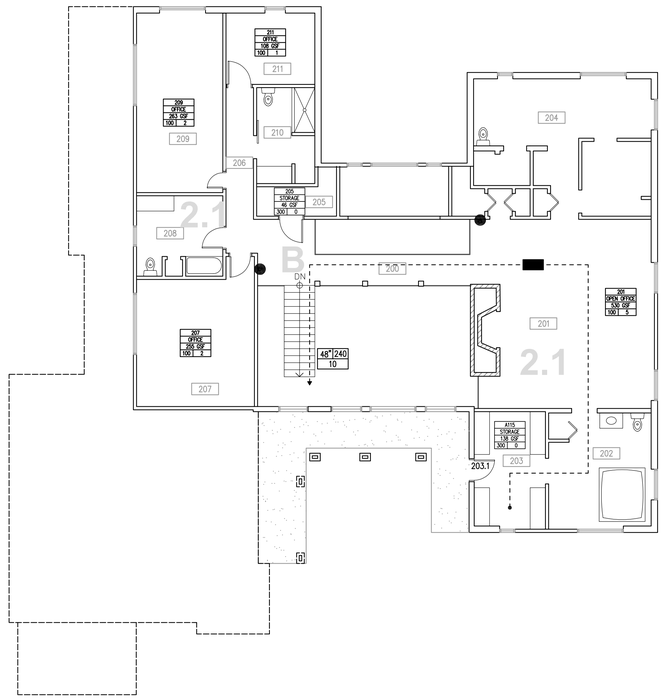
SHEET NUMBER

G201

P:\1250 - Kendall County Forest Preserve - Pickrell Estate House Conversion\30_Design\Dwgs\DD-CD\01_Gen\1250G0201.dwg, 2/2/2022 5:38:32 AM, PJT

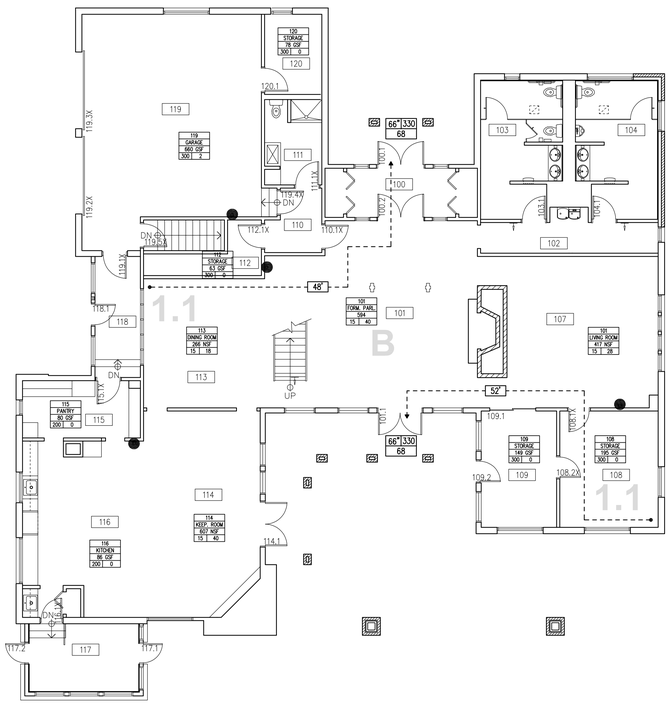
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SECOND FLOOR CODE REVIEW PLAN - BUILDING CONSTRUCTION (2)

SCALE: 1/8" = 1'-0"



FIRST FLOOR CODE REVIEW PLAN - BUILDING CONSTRUCTION (1)

SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. COORDINATE AND PERFORM THE WORK OF ALL CONTRACTS IN ACCORDANCE WITH THE INFORMATION CONTAINED IN THIS DRAWING.

BUILDING CODE DATA

APPLICABLE BUILDING CODE:	***2018 International Building Code*** ***2018 International Mechanical Code*** ***2018 International Fuel Gas Code*** ***2018 International Existing Building Code*** ***2018 International Fire Code*** ***2017 National Electrical Code*** ***Illinois Plumbing Code (Current Edition)*** ***Illinois Energy Conservation Code (Current Edition)*** ***Illinois Accessibility Code (Current Edition)*** ***local amendments to the above codes***

GENERAL BUILDING LIMITATIONS

USE GROUP (*IBC 2018* Chapter 3):	USE GROUP: B NON-SEPARATED PER 304.0	
TYPE OF CONSTRUCTION (*IBC 2018* Chapter 6):	V-B	
ACTUAL BUILDING AREA:	BASEMENT FLOOR	2,103 S.F
	1ST FLOOR	4,565 S.F
	2ND FLOOR	3,192 S.F
	TOTAL	9,860 S.F.
FULLY SPRINKLERED:	NO, BUILDING WILL HAVE A FULL FIRE ALARM AND SMOKE DETECTION SYSTEM	
OPEN PERIMETER:	100%	
GENERAL BULDING LIMITATIONS (*IBC 2018* Chapter 5):	**B USE - (SEE NOTE 1)**	
HEIGHT CALCULATIONS (Sections 504.0 and Table 504)		
ALLOWABLE HEIGHT: (TABLE 504 VALUE)	40 FT / 2 STORIES	
ACTUAL HEIGHT:	24 FT / 2 STORIES	

AREA CALCULATIONS (Sections 503 and 506)	**BASEMENT**	**FIRST FLOOR**	**SECOND FLOOR**
ACTUAL AREA:	2,103 SF	4,565 SF	3,192 SF
ALLOWABLE AREA: (TABLE 506.2)	9,000 SF	9,000 SF	9,000 SF

NOTES:
1. INCIDENTAL A-3 USE SPACES ON THE 1ST FLOOR ARE ALL LESS THAN 750 SF PER ROOM AND HAVE BEEN CALCULATED FOR EXITING BASED ON AN ASSEMBLY OCCUPANCY AT A FACTOR OF 15 SF PER PERSON (TABLES AND CHAIRS).
2. SECOND FLOOR WORK IS LIMITED TO FIRE ALARM INSTALLATION AND MINOR LIGHTING REPLACEMENT OVER FIRST FLOOR FORMAL PARLOR SPACE FOR THIS RENOVATION PROJECT. THERE WILL BE NO PUBLIC ACCESS TO THE SECOND FLOOR AT THE CONCLUSION OF THIS PROJECT. A CHAIN GATE AND SIGNAGE HAS BEEN SPECIFIED TO PROHIBIT PUBLIC ACCESS TO THE SECOND FLOOR AS PART OF THIS PROJECT. THE FUTURE USE OF THE SECOND FLOOR IS INTENDED TO BE PRIVATE BUSINESS OFFICES FOR STAFF.

RATINGS OF BUILDING ELEMENTS

	CONSTRUCTION TYPE V-B			
STRUCTURAL FRAME	0 HOUR			
BEARING WALL EXTERIOR	0 HOUR			
BEARING WALL INTERIOR	0 HOUR			
FLOOR CONSTRUCTION	0 HOUR			
ROOF CONSTRUCTION	0 HOUR			
STAIRS AND SHAFTS	0 HOUR			

LEGEND

- SMOKE PARTITION
- 1-HR RATED FIRE SEPARATION ASSEMBLY OR EXTERIOR WALL
- 1-HR RATED FIRE SEPARATION @ FLOOR ASSEMBLY ABOVE

SPACE EGRESS INFORMATION:
- C119 — ROOM NUMBER
- MECHANICAL — OCCUPANCY TYPE
- 602 GSF — ROOM SIZE (IN NET OR GROSS SQUARE FEET)
- 300 | 2 — TOTAL NUMBER OF OCCUPANTS / NET/GROSS S.F. PER OCCUPANT

EXIT ACCESS / EXIT STAIR INFORMATION:
- B101 — SPACE NUMBER (IF ANY)
- CORRIDOR — EXIT ACCESS COMPONENT TYPE
- 52" — CLEAR OPENING WIDTH (INCHES)

EXIT EGRESS INFORMATION:
- 33" | 165 — CLEAR OPENING WIDTH (INCHES) / EGRESS CAPACITY (PEOPLE)
- 100 — ANTICIPATED EGRESS LOAD (PEOPLE)

- DIRECTION OF EGRESS TRAVEL
- 250' — TRAVEL ROUTE AND DISTANCE FROM MOST REMOTE POINT (FEET)
- FIRE EXTINGUISHER LOCATION

EXIT CALCULATIONS

MEANS OF EGRESS COMPARTMENT	OCCUPANT LOAD	NUMBER OF EXITS		MIN. WIDTH OF EXIT STAIRS		MIN. CLR. WID. OF EXIT DOORWAYS		TOTAL EXIT WIDTH		REMARKS
		REQ'D.	ACTUAL	REQ'D.	ACTUAL	REQ'D.	ACTUAL	REQ'D.	ACTUAL	
FIRST FLOOR 1.1	126	2	3	N/A	N/A	32"	33"	64"	99"	
SECOND FLOOR 2.1	10	1	1	48"	48"	N/A	N/A	48"	48"	

EXIT CALCULATION REMARKS

1. OCCUPANTS EXITING DIRECTLY TO THE OUTSIDE FROM A ROOM ARE NOT COUNTED IN DETERMINING THE TOTAL OCCUPANT LOAD OF THE EGRESS COMPARTMENT.

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01/20/22	BID DOCUMENTS

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SHEET TITLE

CODE REVIEW PLAN

SHEET NUMBER

G300

P:\1250 - Kendall County Forest Preserve - Pickrell Estate House Conversion\3D_Design\Dwgs\DD-CD\01_Gen\1250G0300.dwg, 2/2/2022 2:31:27 PM, PJT

NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

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TOTAL AREA OF FARM = 104.868 ACRES

1" = 200'

INDICATES IRON STAKE
INDICATES RAILROAD SPIKE
INDICATES LINE OF FENCE

927.58'
N.39°42'E.
3.26'
29.85'
S.30°E.
N.66°08'50"W.
592.73'
S.66°08'50"E.
604.13'
33'-Wide
Private
Driveway
99.37'
N.89°36'50"W.
389.49'
S.89°36'50"E. 85.65'
N.64°08'50"W.
470.92'
BM
ELEV. 100.00
N.61°08'13"W.
864.62'
CREEK
PICKERILL
DRIVE S76°
ROAD
N.39°42'E.
82.17'
26.04'
MINKLER
283.80'
12.585
ACRES
816.62'
S.29°13'30"W.
DRIVE
29.535
House Site
Center of Section 2
N.67°50'34"W.
24.64'
573.52'
37'
1010'
40'
45°
270.25'
S.82°43'08"E
N.82°43'08"W.
2355.52'
N.62°13'52"W.
469.85'
20.40' (12.00 CHS.)
193.0'
S.0°41'58"E.
2159.6'
469
894
470
389
2222
29,535 OWNED BY KENNETH + JACQUELINE PICKERILL
DONAHUE & THORNHILL
GENEVA, ILLINOIS
JULY, 1971

2 | 1
11 | 12

PLAT OF SURVEY (1)
SCALE: 1" = 100'-0"

NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

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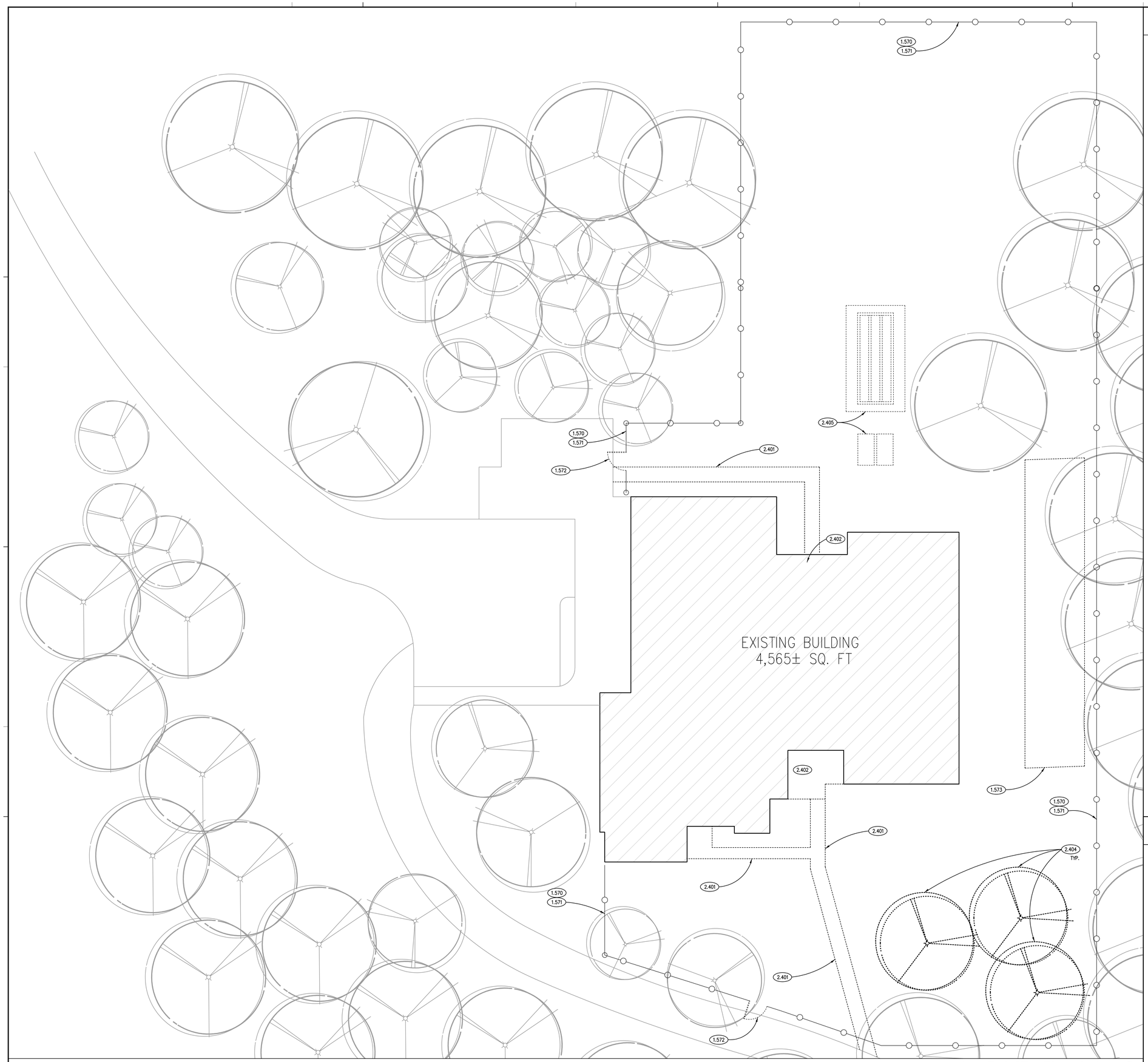
JOB NO.	19-429-1250
DRAWN	PJT
CHECKED	CJH
APPROVED	CJH

SHEET TITLE
PLAT OF SURVEY

SHEET NUMBER
G400

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DEMOLITION SITE PLAN
SCALE: 1" = 10'-0"
1

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

1.570 APPROXIMATE LOCATION OF TEMPORARY EROSION AND SEDIMENT CONTROL FENCE LINE. REFER TO SPECIFICATIONS
1.571 TEMPORARY CHAIN LINK CONSTRUCTION FENCE: 6' HIGH.
1.572 TEMPORARY CHAIN LINK FENCE GATE: WIDTH AS INDICATED.
1.573 TOP SOIL STORAGE AREA.

2.401 REMOVE EXISTING SITE FEATURE: SIDEWALK PAVEMENT.
2.402 REMOVE EXISTING SITE FEATURE: BRICK MASONRY PATIO PAVERS.
2.404 REMOVE EXISTING SITE FEATURE: TREE.
2.405 REMOVE EXISTING SITE FEATURE: SEPTIC TANK AND FIELD IN ITS ENTIRETY; REFER TO ALLOWANCE.

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.

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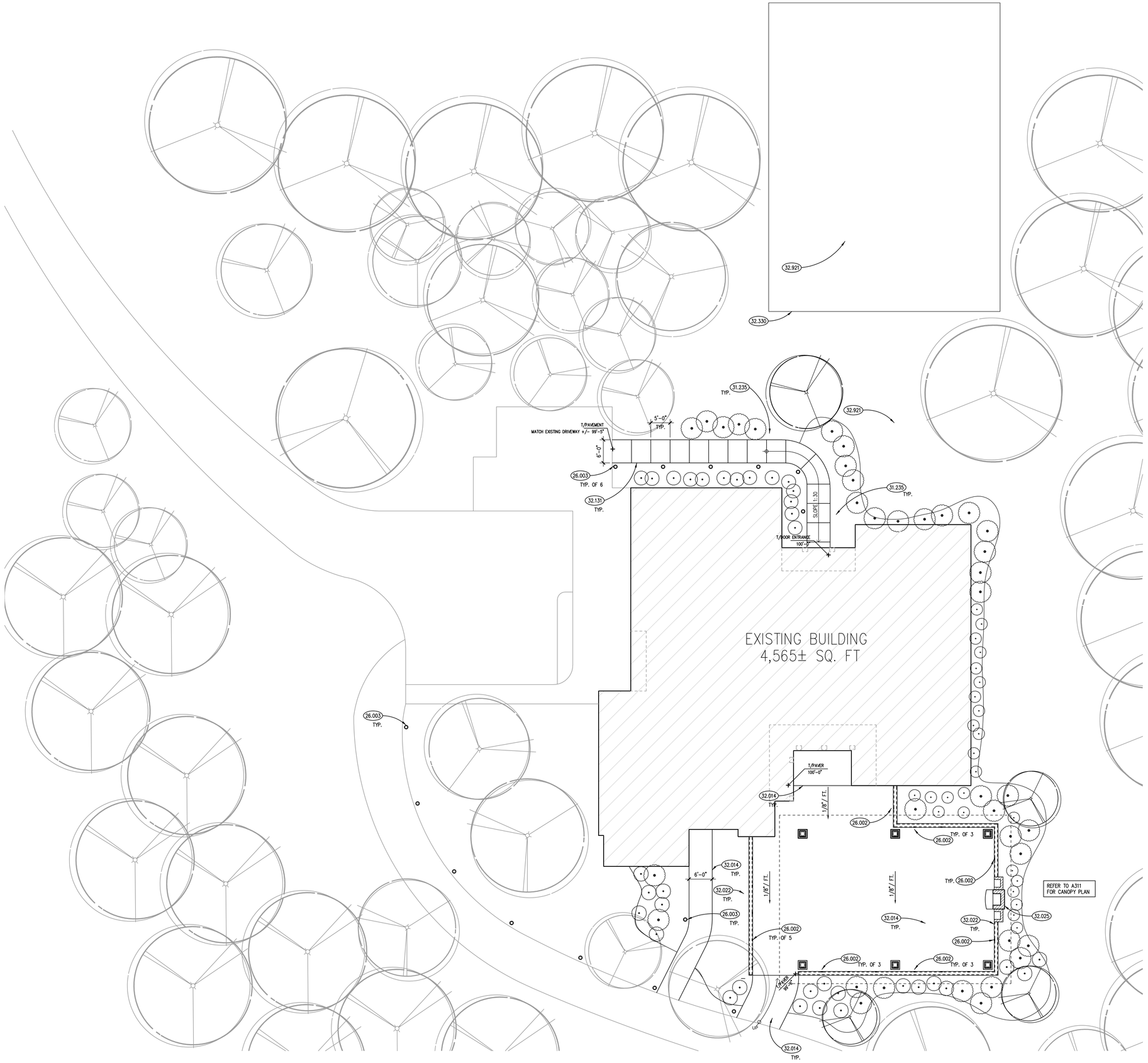
SHEET TITLE
DEMOLITION SITE PLAN

SHEET NUMBER
A050

NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

P:\1250 - Kendall County Forest Preserve - Pickerill Estate House Conversion\30_Design\Dwgs\D0-CD\10_Arch\1250A0050.dwg, 2/2/2022 8:45:28 AM, PJT

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SITE PLAN

SCALE: 1" = 10'-0" (1)

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

26.002 GARDEN WALL SEAT CAP LIGHTING: DIMMABLE. TYPICAL; REFER TO ELECTRICAL DRAWINGS.
26.003 PATHWAY BOLLARD LIGHTING: TYPICAL. REFER TO ELECTRICAL DRAWINGS.

31.235 TOPSOIL; 6 INCHES DEEP ACROSS AFFECTED AREAS OF SITE DISTURBED BY CONSTRUCTION ACTIVITIES.

32.014 PRECAST CONCRETE UNIT PAVERS; PATTERN OF PAVERS AS SPECIFIED. REFER TO SPECIFICATIONS.
32.022 PRECAST CONCRETE DIMENSIONAL STONE SEAT WALL STONE BASE; MIN. 18 INCHES THICK.
32.025 PRE-MANUFACTURED CHIMNEY W/ WOOD BOX: REFER TO SPECIFICATIONS.
32.131 CONCRETE SIDEWALK; 5 INCHES THICK X 5 FEET WIDE WITH REINFORCING AND CONTROL JOINTS AT 5 FEET ON CENTER OVER MIN. 6 INCHES COMPACTED STONE BASE. REFER TO SPECIFICATIONS. RAISE GRADE AS REQUIRED WITH COMPACTED FILL TO ACCOMMODATE SLOPE OF RAMP. INFILL SIDES OF RAMP WITH TOPSOIL FOR A NATURAL GRADE AWAY FROM THE SIDEWALK SURFACE.
32.330 NEW SEPTIC FIELD AND TANK. REFER TO ALLOWANCES.
32.921 SEED & MULCH; INSTALL AT ALL AREAS OF THE SITE AFFECTED BY CONSTRUCTION AND SEPTIC SYSTEM INSTALLATION. REFER TO SPECIFICATIONS.

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.

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SHEET TITLE
SITE PLAN

SHEET NUMBER
A100

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KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

2.049 EXISTING BRICK MASONRY PAVERS TO REMAIN.
2.068 EXISTING ASBESTOS LINOLEUM TO REMAIN AND BE ENCAPSULATED UNDER A NEW UNDERLAYMENT SYSTEM. TYPICAL.
2.069 EXISTING CABINETRY TO REMAIN.

2.402 REMOVE EXISTING SITE FEATURE: BRICK MASONRY PATIO PAVERS.
2.403 REMOVE EXISTING SITE FEATURE: BRICK MASONRY RAISED PORCH PAVERSAND COMPACTED STONE BASE. STONE BASE MAY BE REUSED IF IN GOOD CONDITION FOR NEW PAVER INSTALLATION.
2.434 REMOVE EXISTING WOOD POST.
2.435 REMOVE EXISTING EXTERIOR WINDOW & FRAME.
2.438 REMOVE EXISTING EXTERIOR DOOR AND FRAME.
2.439 REMOVE EXISTING EXTERIOR SLIDING DOOR.
2.440 REMOVE EXISTING CEDAR SIDING AND TRIM.
2.452 REMOVE EXISTING INTERIOR WALL CONSTRUCTION: DRYWALL PARTITION.
2.459 REMOVE EXISTING FAILED GLASS UNIT.
2.460 REMOVE EXISTING INTERIOR SPECIALTY ITEM: DISHWASHER.
2.461 REMOVE EXISTING INTERIOR SPECIALTY ITEM: ELECTRIC RANGE TOP.
2.467 REMOVE EXISTING INTERIOR CONSTRUCTION: CASEWORK; AS INDICATED.
2.468 REMOVE EXISTING INTERIOR CONSTRUCTION: STAIRS.
2.469 REMOVE EXISTING INTERIOR CONSTRUCTION: WOOD DECK BOARDS.
2.470 REMOVE EXISTING INTERIOR CONSTRUCTION: WOOD SHELVING.
2.472 REMOVE EXISTING INTERIOR FLOORING: GRAVEL ROCK & DIRT AS NEEDED TO ACCOMMODATE NEW CONCRETE SLAB.
2.475 REMOVE EXISTING INTERIOR FLOOR FINISH: CARPET.
2.476 REMOVE EXISTING INTERIOR FLOOR FINISH: LINOLEUM.
2.477 REMOVE EXISTING INTERIOR FLOOR FINISH: WOOD BASE.
2.479 REMOVE EXISTING COUNTERTOP.
2.480 REMOVE EXISTING INTERIOR WALL FINISH: FOIL WALLPAPER.
2.496 REMOVE EXISTING PLUMBING FIXTURE: AS INDICATED.
2.502 PATCH EXISTING FLOOR OPENING AFTER REMOVAL OF MECHANICAL CONNECTIONS.

ROOM SCHEDULE

RM. NO.	ROOM NAME	RM. NO.	ROOM NAME
105	EXISTING BEDROOM		
106	EXISTING BATHROOM		
107	EXISTING LIVING ROOM		
108	EXISTING STORAGE		
109	EXISTING STORAGE		
110	EXISTING CORRIDOR		
111	EXISTING BATHROOM		
112	EXISTING JANITOR'S CLOSET		
113	EXISTING DINING ROOM		
114	EXISTING KEEPING ROOM		
115	EXISTING PANTRY		
116	EXISTING KITCHENETTE		
117	EXISTING VESTIBULE		
118	EXISTING FOYER		
119	EXISTING GARAGE		
120	EXISTING STORAGE		

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. UNLESS NOTED OTHERWISE, WHERE EXISTING FLOOR, WALL AND CEILING SURFACES ARE SCHEDULED TO RECEIVE FINISHES, DEMOLISH EXISTING FINISH MATERIALS (EXCEPT PROPERLY ADHERED PAINT) AND SALVAGE SURFACE-MOUNTED ITEMS; PROPERLY PREPARE SURFACES TO RECEIVE NEW FINISHES; REINSTALL SURFACE-MOUNTED ITEMS AT NEW LOCATIONS DETERMINED BY OWNER UNLESS SPECIFIC LOCATIONS ARE INDICATED ON DRAWINGS.
3. ADDITIONAL DEMOLITION/ RECONSTRUCTION AND REMOVAL/REPLACEMENT OF ARCHITECTURAL ELEMENTS IS REQUIRED TO COMPLETE THE WORK OF THIS PROJECT. COORDINATE WITH ARCHITECTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION AND ELECTRICAL DRAWINGS, AND PROVIDE DEMOLITION/RECONSTRUCTION AND REMOVAL/REPLACEMENT OF ARCHITECTURAL ELEMENTS AS REQUIRED TO COMPLETE THE WORK SHOWN ON THOSE DRAWINGS.

FIRST FLOOR DEMOLITION PLAN

SCALE: 1/4" = 1'-0" (1)

NORTH

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DRAWN PJT
CHECKED CJH
APPROVED CJH

SHEET TITLE
FIRST FLOOR DEMOLITION PLAN

SHEET NUMBER
A210

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FIRST FLOOR REFLECTED CEILING DEMOLITION PLAN (1)

SCALE: 1/4" = 1'-0"

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

2.067 EXISTING WOOD BEAM TO REMAIN.

2.482 REMOVE EXISTING INTERIOR CEILING FINISH: DRYWALL AND SUSPENDED FURRING.
2.492 REMOVE EXISTING MECHANICAL SYSTEM COMPONENT: CEILING DIFFUSER/GRILLE.
2.498 REMOVE EXISTING LIGHT FIXTURE.
2.499 REMOVE EXISTING LIGHT FIXTURE AND TRACK.
2.500 REMOVE EXISTING EXTERIOR LIGHT FIXTURE.

ROOM SCHEDULE

RM. NO.	ROOM NAME	RM. NO.	ROOM NAME
100	EXISTING FOYER		
101	EXISTING FORMAL PARLOR		
102	EXISTING CORRIDOR		
103	EXISTING BATHROOM		
104	EXISTING PET SUITE		
105	EXISTING BEDROOM		
106	EXISTING BATHROOM		
107	EXISTING LIVING ROOM		
108	EXISTING STORAGE		
109	EXISTING STORAGE		
110	EXISTING CORRIDOR		
111	EXISTING BATHROOM		
112	EXISTING JANITOR'S CLOSET		
113	EXISTING DINING ROOM		
114	EXISTING KEEPING ROOM		
115	EXISTING PANTRY		
116	EXISTING KITCHENETTE		
117	EXISTING VESTIBULE		
118	EXISTING FOYER		
119	EXISTING GARAGE		
120	EXISTING STORAGE		

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. UNLESS NOTED OTHERWISE, WHERE EXISTING FLOOR, WALL AND CEILING SURFACES ARE SCHEDULED TO RECEIVE FINISHES, DEMOLISH EXISTING FINISH MATERIALS (EXCEPT PROPERLY ADHERED PAINT) AND SALVAGE SURFACE-MOUNTED ITEMS; PROPERLY PREPARE SURFACES TO RECEIVE NEW FINISHES; REINSTALL SURFACE-MOUNTED ITEMS AT NEW LOCATIONS DETERMINED BY OWNER UNLESS SPECIFIC LOCATIONS ARE INDICATED ON DRAWINGS.
3. ADDITIONAL DEMOLITION/ RECONSTRUCTION AND REMOVAL/REPLACEMENT OF ARCHITECTURAL ELEMENTS IS REQUIRED TO COMPLETE THE WORK OF THIS PROJECT. COORDINATE WITH ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS, AND PROVIDE DEMOLITION/RECONSTRUCTION AND REMOVAL/REPLACEMENT OF ARCHITECTURAL ELEMENTS AS REQUIRED TO COMPLETE THE WORK SHOWN ON THOSE DRAWINGS.

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KEN PICKERILL HOUSE RENOVATIONS

KENDALL COUNTY FOREST PRESERVE DISTRICT
110 W. MADISON STREET
YORKVILLE, IL 60560

ISSUED
6/7/2022 BID DOCUMENTS

JOB NO.	19-429-1250
DRAWN	PJT
CHECKED	CJH
APPROVED	CJH

SHEET TITLE

FIRST FLOOR REFLECTED CEILING DEMOLITION PLAN

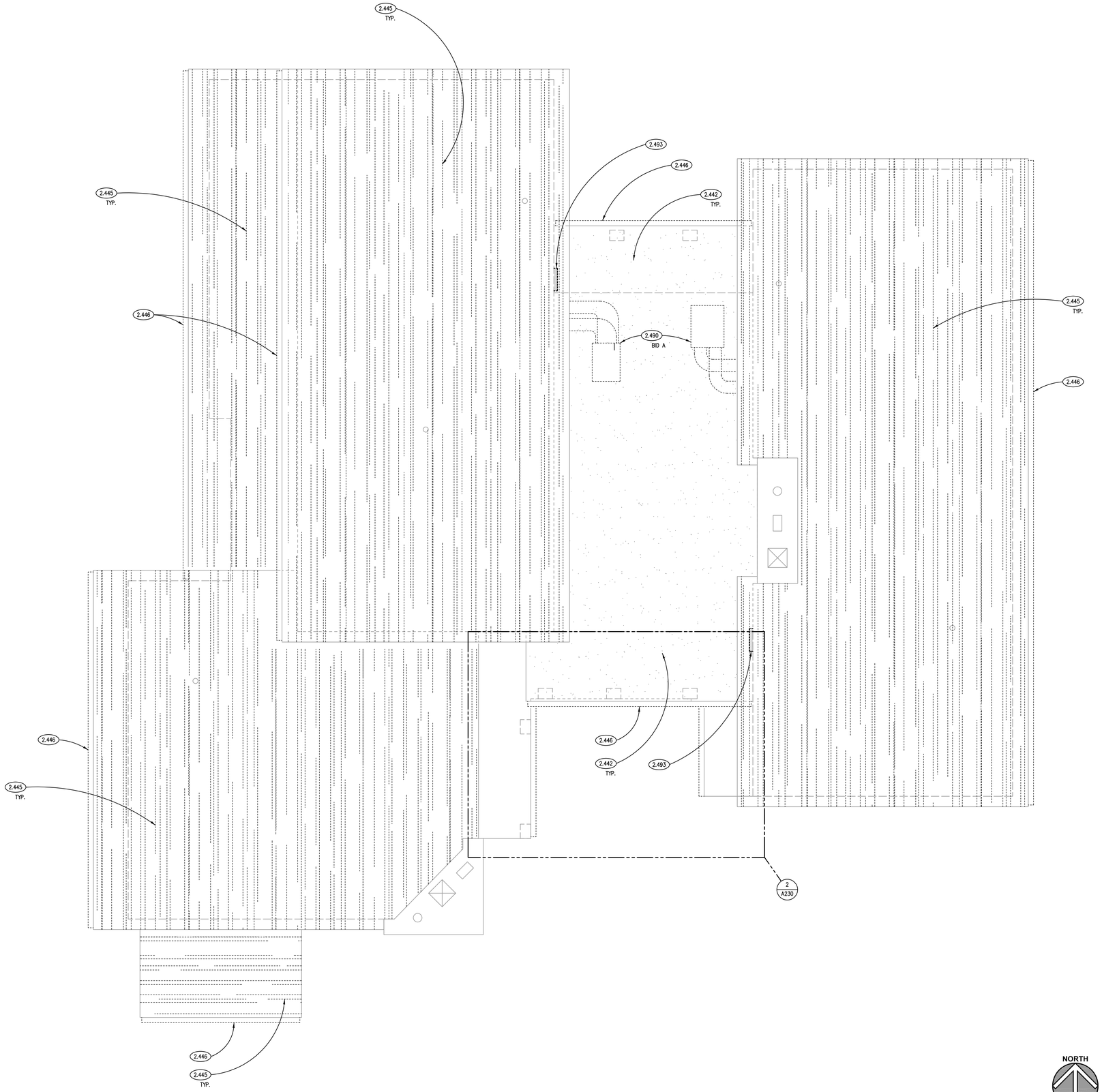
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DEMOLITION ROOF PLAN 1

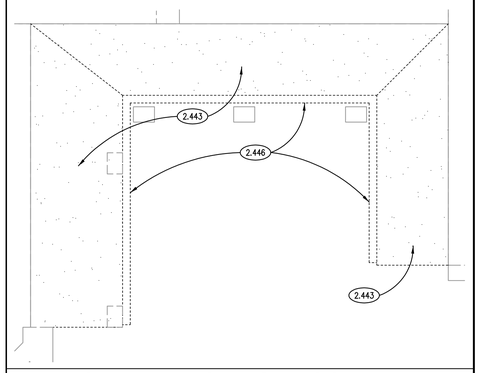
SCALE: 1/4" = 1'-0"

NORTH

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

2.442 REMOVE EXISTING ROOFING: BUILT-UP, BALLASTED AND ALL ASSOCIATED METAL COUNTERFLASHINGS.
2.443 REMOVE EXISTING ROOFING: BUILT-UP, NON-BALLASTED AND ALL ASSOCIATED METAL COUNTERFLASHINGS.
2.445 REMOVE EXISTING ROOFING: ASPHALT SHINGLES AND ALL ASSOCIATED METAL COUNTERFLASHINGS.
2.446 REMOVE EXISTING ROOFING COMPONENT: METAL GUTTER.
2.490 REMOVE EXISTING MECHANICAL UNIT: REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
2.493 REMOVE POWERED ATTIC EXHAUST FAN: EXISTING POWER CIRCUIT TO REMAIN.



LOWER DEMOLITION ROOF PLAN 2

SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. ALL DEMO AND NEW ROOFING WORK INCLUDING METAL COUNTERFLASHINGS, GUTTERS AND DOWNSPOUTS, ETC. ARE BEING BID AS A SEPARATE BID PRICE – (BID "B"). REFER TO SPECIFICATIONS FOR MORE INFORMATION.
3. ALL EXISTING LIGHTING PROTECTION SYSTEMS INCLUDING ROAD, BASES AND WIRING SHALL BE TEMPORARILY REMOVED AND REINSTALLED AFTER NEW ROOFING SYSTEM IS INSTALLED. TYPICAL.

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DEMOLITION ROOF PLAN

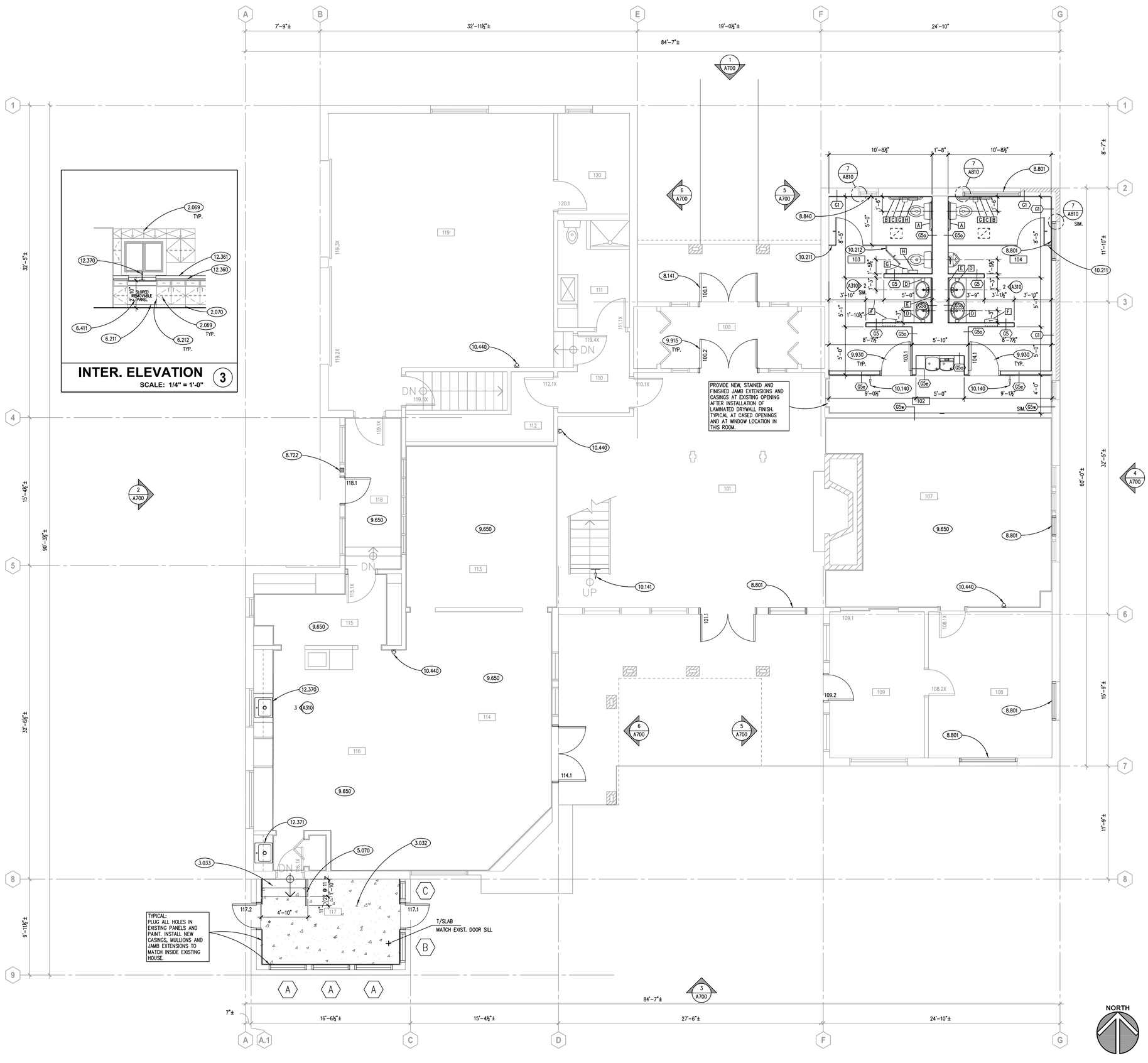
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FIRST FLOOR PLAN (1)
SCALE: 1/4" = 1'-0"

INTER. ELEVATION (3)
SCALE: 1/4" = 1'-0"

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

2.069 EXISTING CABINETRY TO REMAIN.
2.070 EXISTING WOOD BASE TO REMAIN.

3.032 CAST-IN-PLACE CONCRETE: SLAB-ON-GRADE INFILL; 4" THICK, MIN. WITH W6X6X1.6 WWF OVER VAPOR BARRIER AS SPECIFIED.
3.033 CAST-IN-PLACE CONCRETE STAIRS.

5.070 METAL FABRICATION: STEEL HANDRAIL ASSEMBLY; 1 1/4" NOM. DIA. STEEL PIPE W/WALL BRACKETS OR FLOOR SUPPORTS @ 4'-0" O.C. MAX.

6.211 FINISH CARPETNRY: WOOD BASE; REFER TO FINISHES SCHEDULE.
6.212 FINISH CARPENTRY: WOOD SIDE PANEL SYSTEM TO MATCH EXISTING CABINET WOOD SPECIES AND STAIN COLOR.

6.410 CUSTOM CASEWORK: PLASTIC LAMINATE BASE CABINET; ADA LAVATORY UNIT WITH DIAGONAL PANEL.
6.411 CUSTOM CASEWORK: PLASTIC LAMINATE REMOVABLE DIAGONAL PANEL; ADA COMPLIANT.

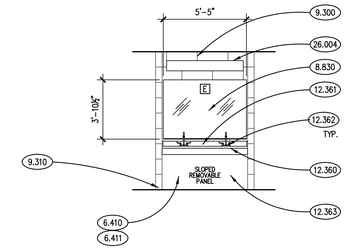
8.141 WOOD EXTERIOR SWING ENTRANCE DOOR AND FRAME WITH APPLIED TRIM APPLICAE' TO MATCH EXISTING PROFILES: REFER TO DOOR, FRAME AND BORROWED LIGHT SCHEDULE.
8.722 KNOX BOX: FULLY-RECESSED IN WALL; REFER TO SPECIFICATIONS.
8.801 REPLACE FAILED INSULATED GLASS UNITS ON EXISTING METAL CLAD WOOD WINDOWS WITH NEW INSULATED GLASS TYPE SG1: TOUCH UP STAIN ON WINDOW STOPS AFTER NEW GLASS INSTALLATION.
8.830 MIRROR: SIZED FOR WIDTH OF OPENING BY HEIGHT AS SHOWN WITH BOTTOM METAL TRACK SUPPORT. REFER TO SPECIFICATIONS.
8.840 WASH WINDOWS BEFORE CONCEALMENT.

9.300 CERAMIC WALL TILE: PORCELAIN; REFER TO A900 SERIES DRAWINGS.
9.310 CERAMIC TILE ACCESSORY: METAL TRANSITION, COVE BASE, BULLNOSE OUTSIDE CORNER OR EDGE TRIM; TYPICAL AT FULL RESTROOM AREA; REFER TO SPECIFICATIONS.
9.650 RESILIENT FLOORING: LVT WOOD GRAIN PLANK FLOORING. REFER TO A900 SERIES DRAWINGS.
9.915 INTERIOR PAINTING: PRIME AND TWO COATS PAINT EXTERIOR SWING DOORWAY.
9.930 STAINING AND FINISHING: PREPARE, STAIN AND FINISH WOOD TRIM TO MATCH EXISTING STAIN COLOR. TYPICAL FOR ALL NEW INTERIOR STAIN ON DOORS, JAMBS AND CASINGS. REFER TO SPECIFICATIONS

10.140 SIGNAGE: PANEL TYPE. WALL MOUNTED. "MEN" AND "WOMEN" RESTROOM SIGNAGE WITH UNIVERSAL ACCESSIBILITY SYMBOL. TYPICAL AT TWO NEW RESTROOMS.
10.141 SIGNAGE: CHAINED OFF STAIRWAY SIGN: "NO PUBLIC ACCESS."
10.211 METAL TOILET COMPARTMENT. ADA CONFIGURATION. REFER TO SPECIFICATIONS.
10.212 METAL TOILET COMPARTMENT. REGULAR CONFIGURATION. REFER TO SPECIFICATIONS.
10.440 FIRE PROTECTION ACCESSORY: FIRE EXTINGUISHER AND WALL BRACKET.

12.360 COUNTERTOP: SOLID SURFACE; REFER TO SPECIFICATIONS.
12.361 COUNTERTOP BACK/SIDE SPLASH: 4" HIGH; SAME MATERIAL AS COUNTERTOP.
12.362 COUNTERTOP ACCESSORY: LAVATORY SINK L1; UNDERMOUNT SOLID SURFACE TYPE. REFER TO SPECIFICATIONS.
12.363 COUNTERTOP ACCESSORY: COUNTERTOP SUPPORT BRACKET; CONCEALED IN WALL TYPE. REFER TO SPECIFICATIONS.
12.370 SOLID SURFACE SINK: SINGLE BOWL; ADA ACCESSIBLE; SK-1; REFER TO COUNTERTOP SPECIFICATIONS.
12.371 SOLID SURFACE SINK: SINGLE BOWL; NON-ADA ACCESSIBLE; SK-2; REFER TO COUNTERTOP SPECIFICATIONS.

26.004 LIGHT FIXTURE: INTERIOR; DIMMABLE. REFER TO ELECTRICAL DRAWINGS.



INTERIOR ELEVATION (2)
SCALE: 1/4" = 1'-0"

TOILET ACCESSORY SCHEDULE

MARK	DESCRIPTION	CAT. NO.	REMARKS	MOUNTING HEIGHTS
A	S.S. GRAB BAR – 36"	3800-36	SNAP-ON FLANGE COVER	SEE SHEET G201
B	S.S. GRAB BAR – 42"	3800-42	SNAP-ON FLANGE COVER	SEE SHEET G201
C	S.S. GRAB BAR – 18" (VERTICAL)	3800-18	SNAP-ON FLANGE COVER	SEE SHEET G201
D	WALL MOUNTED SOAP DISPENSER	5001-SS	SURF. MTD.	46" MAX. TO DISPENSER LEVEL
E	CUSTOM FRAMELESS MIRROR	–	REFER TO SPECS.	40" TO BOTTOM
F	AUTOMATIC PAPER TOWEL DISPENSER/ WASTE RECEPTACLE COMBO UNIT	204692A-6	SEMI-RECESSED	48" TO TOP EDGE OF TOWEL DISPENSER
G	TOILET TISSUE DISPENSER	0030	SURF. MTD.	SEE SHEET G201
H	SANITARY NAPKIN DISPOSAL	0852	SURFACE MOUNTED	SEE SHEET G201

TOILET ACCESSORY GENERAL NOTES

1. A.S.I. CATALOG NUMBERS ARE USED FOR REFERENCE ONLY, UNLESS OTHERWISE NOTED.
2. MOUNTING HEIGHTS PER ADA-AG (AMERICAN'S WITH DISABILITIES ACT ACCESSIBILITIES GUIDELINES).
3. MOUNTING HEIGHTS ARE FROM FINISHED FLOOR TO HEIGHT INDICATED.

ROOM SCHEDULE

RM. NO.	ROOM NAME	RM. NO.	ROOM NAME
100	EXISTING FOYER	113	EXISTING DINING ROOM
101	EXISTING FORMAL PARLOR	114	EXISTING KEEPING ROOM
102	CORRIDOR	115	EXISTING PANTRY
103	WOMEN'S BATHROOM	116	EXISTING KITCHEN
104	MEN'S BATHROOM	117	EXISTING VESTIBULE
105	NOT USED	118	EXISTING FOYER
106	NOT USED	119	EXISTING GARAGE
107	EXISTING LIVING ROOM	120	EXISTING STORAGE
108	EXISTING STORAGE		
109	EXISTING STORAGE		
110	EXISTING CORRIDOR		
111	EXISTING BATHROOM		
112	EXISTING JANITOR'S CLOSET	203.1	EXISTING CLOSET

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.

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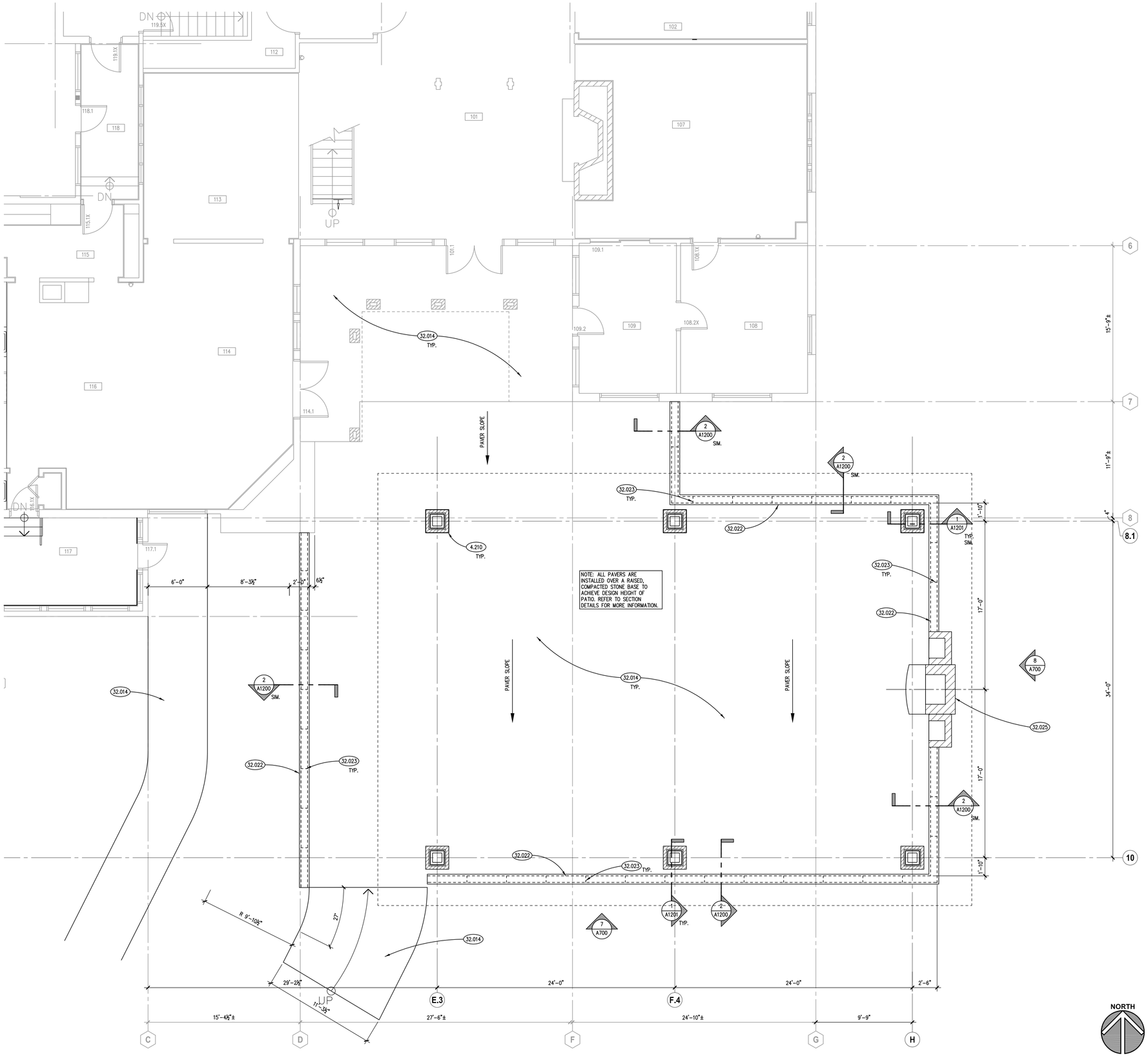
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FIRST FLOOR PLAN

SHEET NUMBER
A310

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CANOPY & PATIO PLAN

SCALE: 1/4" = 1'-0"

1

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

4.210 BRICK MASONRY: MODULAR TYPE; REFER TO SPECIFICATIONS.

32.014 PRECAST CONCRETE UNIT PAVERS: PATTERN OF PAVERS AS SPECIFIED. REFER TO SPECIFICATIONS.
32.022 PRECAST CONCRETE DIMENSIONAL STONE SEAT WALL STONE BASE; MIN. 18 INCHES THICK.
32.023 STONE SEAT WALL ACCESSORY: WEEP HOLE @ 48" O.C.
32.025 PRE-MANUFACTURED CHIMNEY W/ WOOD BOX: REFER TO SPECIFICATIONS.

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.

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CANOPY & PATIO PLAN

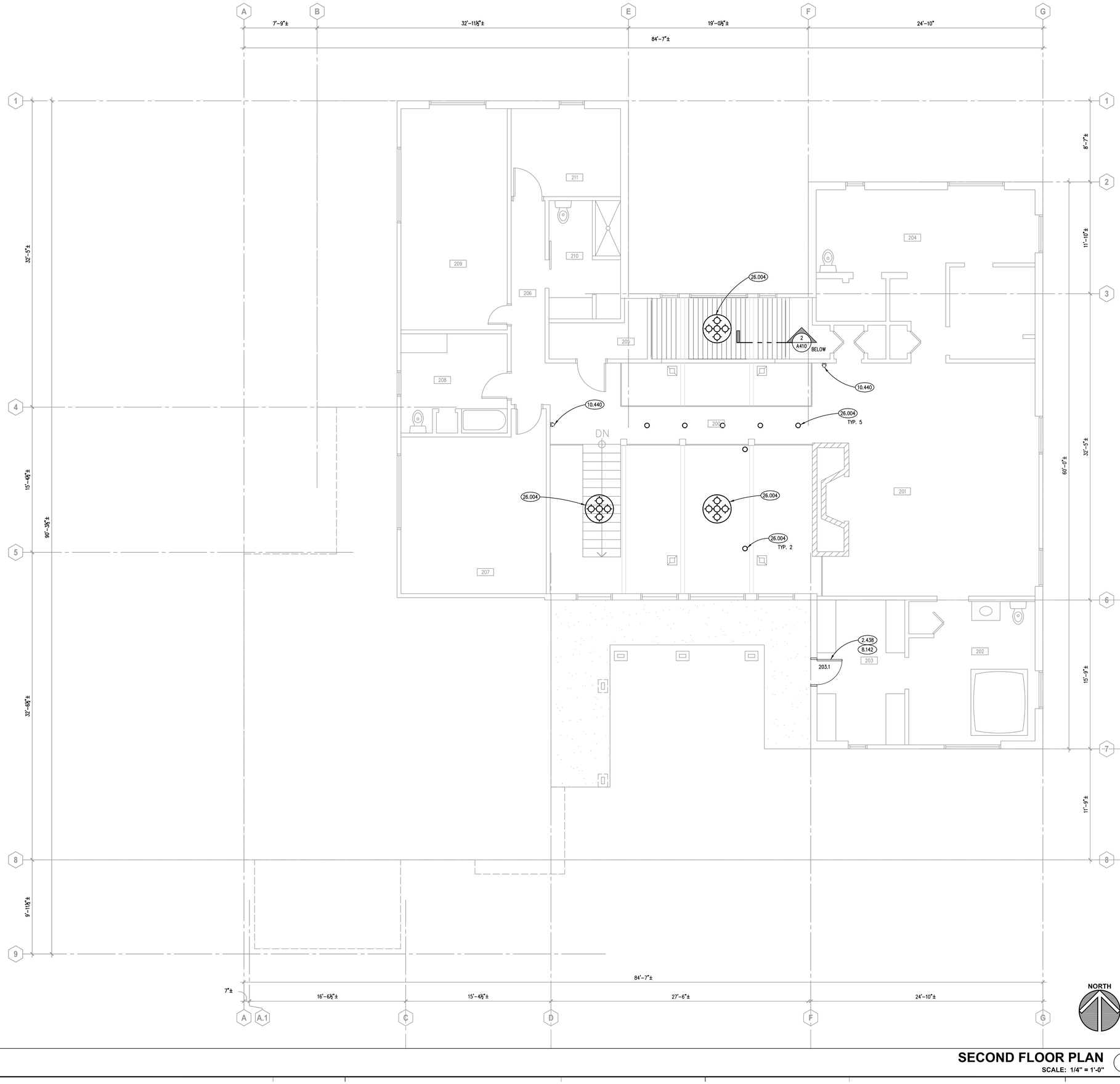
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SECOND FLOOR PLAN

SCALE: 1/4" = 1'-0" (1)

KEYNOTES

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2.438 REMOVE EXISTING EXTERIOR DOOR AND FRAME.

8.142 METAL CLAD EXTERIOR WOOD SWING DOOR: REFER TO DOOR, FRAME AND BORROWED LIGHT SCHEDULE.

10.440 FIRE PROTECTION ACCESSORY: FIRE EXTINGUISHER AND WALL BRACKET.

26.004 LIGHT FIXTURE: INTERIOR; DIMMABLE. REFER TO ELECTRICAL DRAWINGS.

CEILING LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	GYPSUM BOARD		MECHANICAL DIFFUSER: SUPPLY
			MECHANICAL DIFFUSER: RETURN
	ACOUSTICAL CEILING TILE: 2' X 2'		MECHANICAL DIFFUSER: EXHAUST
			MECHANICAL DIFFUSER: LINEAR SUPPLY
	TONGUE & GROOVE		COMBINATION LIGHT/EXHAUST FAN
			LIGHT FIXTURE: 15.5" X 48"
			LIGHT FIXTURE: 24" X 24"
			LIGHT TRACK WITH FIXTURE HEADS
			LIGHT FIXTURE: INDUSTRIAL STRIP
	EXIT LIGHT FIXTURES		EMERGENCY LIGHT FIXTURES
	LIGHT FIXTURE	A B C D	SPRINKLER HEADS A: PENDANT B: UPRIGHT C: CONCEALED D: SIDEWALL
		A B C D	DOWN LIGHT FIXTURES A: SPOT B:DOWN C:WALL WASHER D:SCONCE

ROOM SCHEDULE

RM. NO.	ROOM NAME	RM. NO.	ROOM NAME
100	NOT USED	120	EXISTING STORAGE
101	NOT USED		
107	EXISTING LIVING ROOM		
108	EXISTING STORAGE		
109	EXISTING STORAGE		
110	EXISTING CORRIDOR	203.1	EXISTING CLOSET
111	EXISTING BATHROOM		
112	EXISTING JANITOR'S CLOSET		
113	EXISTING DINING ROOM		
114	EXISTING KEEPING ROOM		
115	EXISTING PANTRY		
116	EXISTING KITCHEN		
117	EXISTING VESTIBULE		
118	EXISTING FOYER		
119	EXISTING GARAGE		

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.

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SHEET TITLE

SECOND FLOOR PLAN

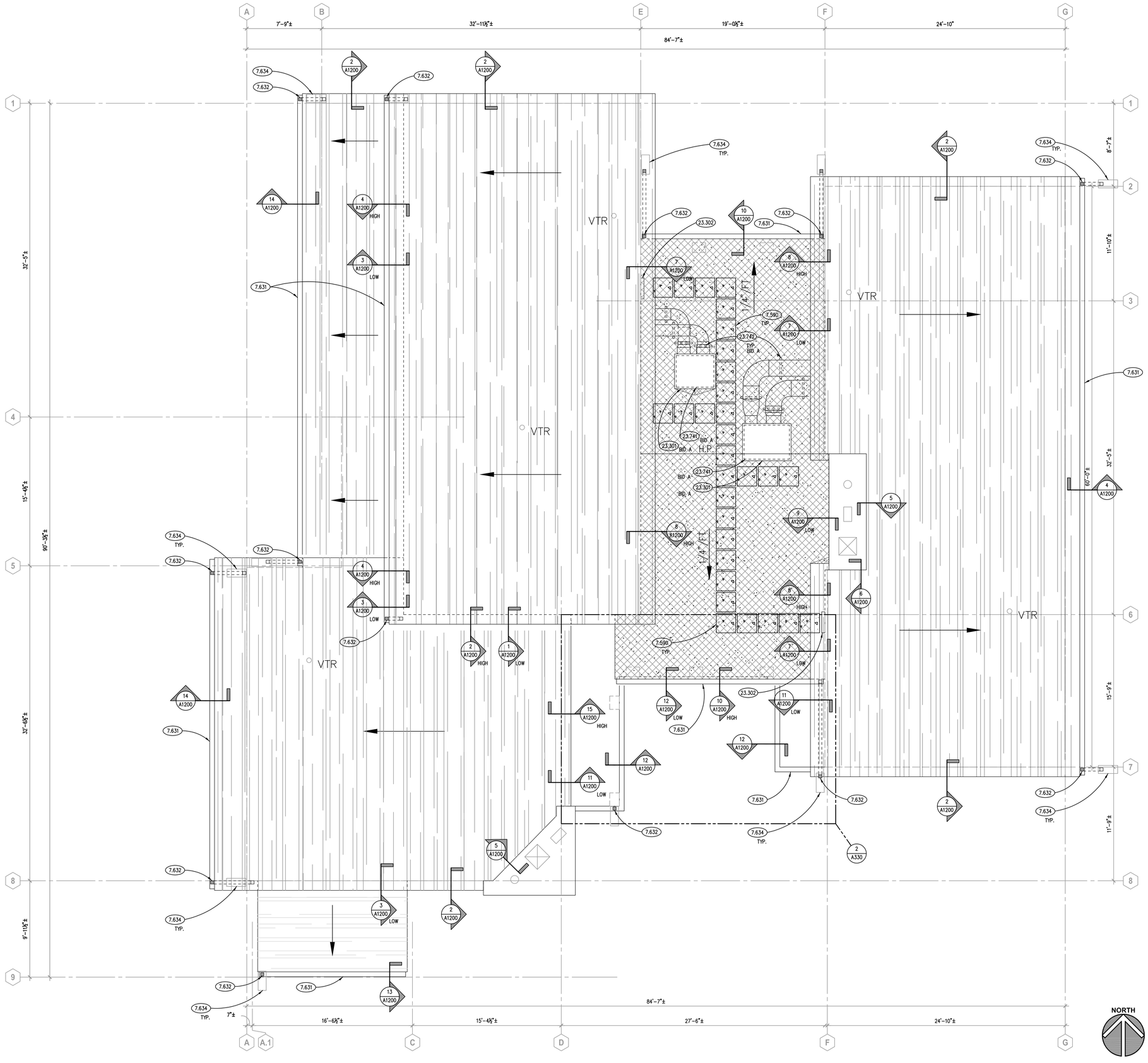
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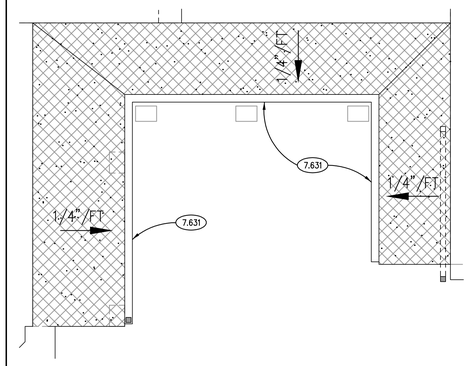
ROOF PLAN
SCALE: 1/4" = 1'-0" (1)

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

7.311 ASPHALT SHINGLES.
7.530 ELASTOMERIC MEMBRANE ROOFING SYSTEM; FULLY ADHERED.
7.535 ELASTOMERIC MEMBRANE ROOFING MATERIAL: RIGID INSULATION; TAPERED; 1/2" PER FOOT SLOPE U.N.O.
7.590 ROOFING ACCESSORY: RUBBER WALKWAY PAVER.
7.631 METAL GUTTER: 6" WIDE; MATERIAL, THICKNESS AND FINISH AS SPECIFIED.
7.632 METAL DOWNSPOUT: 3 X 4 INCHES. MATERIAL, THICKNESS AND FINISH AS SPECIFIED.
7.634 METAL DOWNSPOUT ACCESSORY: PVC SPLASH PADS; REFER TO SPECIFICATIONS.

23.301 MECHANICAL EQUIPMENT: REFER TO MECHANICAL DRAWINGS.
23.302 MECHANICAL EQUIPMENT: MASTERFLOW 1500 CFM WEATHERED WOOD POWERED ROOF ATTIC FAN WITH INTERGRAL ATTIC T-STAT MODEL ERV6WW OR APPROVED EQUAL; RECONNECT TO EXISTING POWER SOURCE.
23.741 MECHANICAL ROOFTOP UNIT ACCESSORY: ROOF CURB; PROVIDED BY MECHANICAL CONTRACTOR.
23.742 MECHANICAL ROOFTOP UNIT ACCESSORY: ROOF RAIL.



LOWER LEVEL ROOF PLAN
SCALE: 1/4" = 1'-0" (2)

ROOF PLAN LEGEND

7.530
7.535
7.311
DIRECTION OF WATER

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. GENERAL TRADES CONTRACTOR PROVIDE CARPENTER-BUILT CURBS AND RAILS FOR MECHANICAL UNITS AND DUCTWORK SHOWN ON THIS DRAWING AND ON MECHANICAL DRAWINGS EXCEPT WHERE MECHANICAL UNITS ARE PROVIDED WITH PREFABRICATED ROOF CURBS BY MECHANICAL UNIT MANUFACTURER.
3. ROOFING CONTRACTOR PROVIDE BOOTED ROOF PORTALS FOR ELECTRICAL CONDUIT, REFRIGERATION PIPING, GAS PIPING, CONDENSATE PIPING, AND HYDRONIC PIPING OUTSIDE ROOF CURBS TO MECHANICAL UNITS. COORDINATE WITH MECHANICAL DRAWINGS AND KITCHEN EQUIPMENT DRAWINGS.
4. ROOFING CONTRACTOR PROVIDE STACK BOOTS ON MECHANICAL AND PLUMBING VENTS.
5. ALL ROOFING WORK IS BID "B"; REFER TO SPECIFICATIONS.

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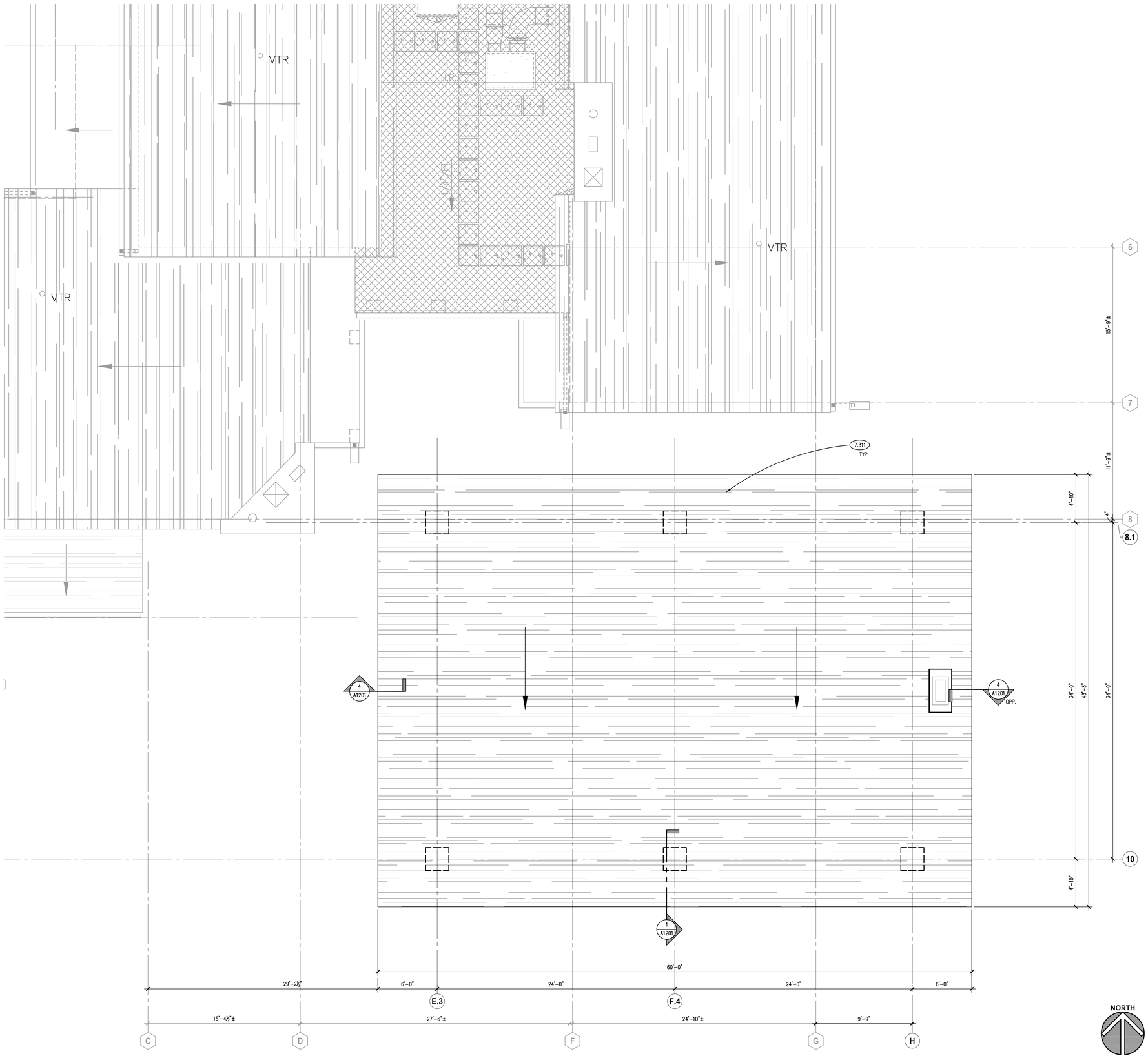
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ROOF PLAN

SHEET NUMBER
A330

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CANOPY ROOF PLAN 1

SCALE: 1/4" = 1'-0"

KEYNOTES

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7.311 ASPHALT SHINGLES.

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.

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CANOPY ROOF PLAN

SHEET NUMBER

A331

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KEYNOTES

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2.059 EXISTING WOOD PANELING.
2.060 EXISTING 2 BY WOOD STUD.
2.067 EXISTING WOOD BEAM TO REMAIN.

6.001 ROUGH CARPENTRY: WOOD BLOCKING; DIMENSIONAL LUMBER; SIZE AS INDICATED; REFER TO SCHEDULE FOR TREATMENT.
6.171 WOOD FRAMING ACCESSORY: LIGHT GAUGE WOOD CONSTRUCTION CONNECTOR AS NOTED MANUFACTURED BY SIMPSON STRONG-TIE OR EQUAL. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE NAIL TYPE AND QUANTITIES RESULTING IN THE MAXIMUM TABULATED CAPACITIES.
6.210 FINISH CARPENTRY: 1 X 6 TONGUE & GROOVE SOFFIT MATERIALS; REFER TO SPECIFICATIONS.

26.004 LIGHT FIXTURE: INTERIOR; DIMMABLE. REFER TO ELECTRICAL DRAWINGS.

CEILING LEGEND

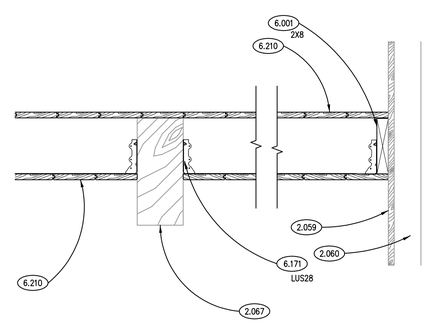
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	GYPSUM BOARD		MECHANICAL DIFFUSER: SUPPLY
			MECHANICAL DIFFUSER: RETURN
	ACOUSTICAL CEILING TILE: 2' X 2'		MECHANICAL DIFFUSER: EXHAUST
			MECHANICAL DIFFUSER: LINEAR SUPPLY
	TONGUE & GROOVE		COMBINATION LIGHT/EXHAUST FAN
			LIGHT FIXTURE: 15.5" X 48"
			LIGHT FIXTURE: 24" X 24"
			LIGHT TRACK WITH FIXTURE HEADS
			LIGHT FIXTURE: INDUSTRIAL STRIP
	EXIT LIGHT FIXTURES		EMERGENCY LIGHT FIXTURES
	LIGHT FIXTURE	A B C D	SPRINKLER HEADS A: PENDANT B: UPRIGHT C: CONCEALED D: SIDEWALL
		A B C D	DOWN LIGHT FIXTURES A: SPOT B:DOWN C:WALL WASHER D:SCONCE

ROOM SCHEDULE

RM. NO.	ROOM NAME	RM. NO.	ROOM NAME
100	EXISTING FOYER		
101	EXISTING FORMAL PARLOR		
102	CORRIDOR		
103	WOMEN'S BATHROOM		
104	MEN'S BATHROOM		
105	NOT USED		
106	NOT USED		
107	EXISTING LIVING ROOM		
108	EXISTING STORAGE		
109	EXISTING STORAGE		
110	EXISTING CORRIDOR		
111	EXISTING BATHROOM		
112	EXISTING JANITOR'S CLOSET		
113	EXISTING DINING ROOM		
114	EXISTING KEEPING ROOM		
115	EXISTING PANTRY		
116	EXISTING KITCHEN		
117	EXISTING VESTIBULE		
118	EXISTING FOYER		
119	EXISTING GARAGE		
120	EXISTING STORAGE		

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. SPOT ELEVATIONS ARE DESIGNATED NOMINAL HEIGHTS ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE. COORDINATE FINAL HEIGHTS OF CEILING ELEMENTS WITH INFORMATION CONTAINED ON STRUCTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION AND ELECTRICAL DRAWINGS.
3. PROVIDE GYPSUM BOARD HEADERS TO FORM VERTICAL SOFFITS AT CHANGES OF CEILING HEIGHTS UNLESS NOTED OR DETAILED OTHERWISE.



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KEN PICKERILL HOUSE RENOVATIONS

KENDALL COUNTY FOREST PRESERVE DISTRICT
110 W. MADISON STREET
YORKVILLE, IL 60560

ISSUED
01/28/22 BID DOCUMENTS

JOB NO.	19-429-1250
DRAWN	PJT
CHECKED	CJH
APPROVED	CJH

SHEET TITLE

FIRST FLOOR REFLECTED CEILING PLAN

SHEET NUMBER

A410

FIRST FLOOR REFLECTED CEILING PLAN (1)

SCALE: 1/4" = 1'-0"

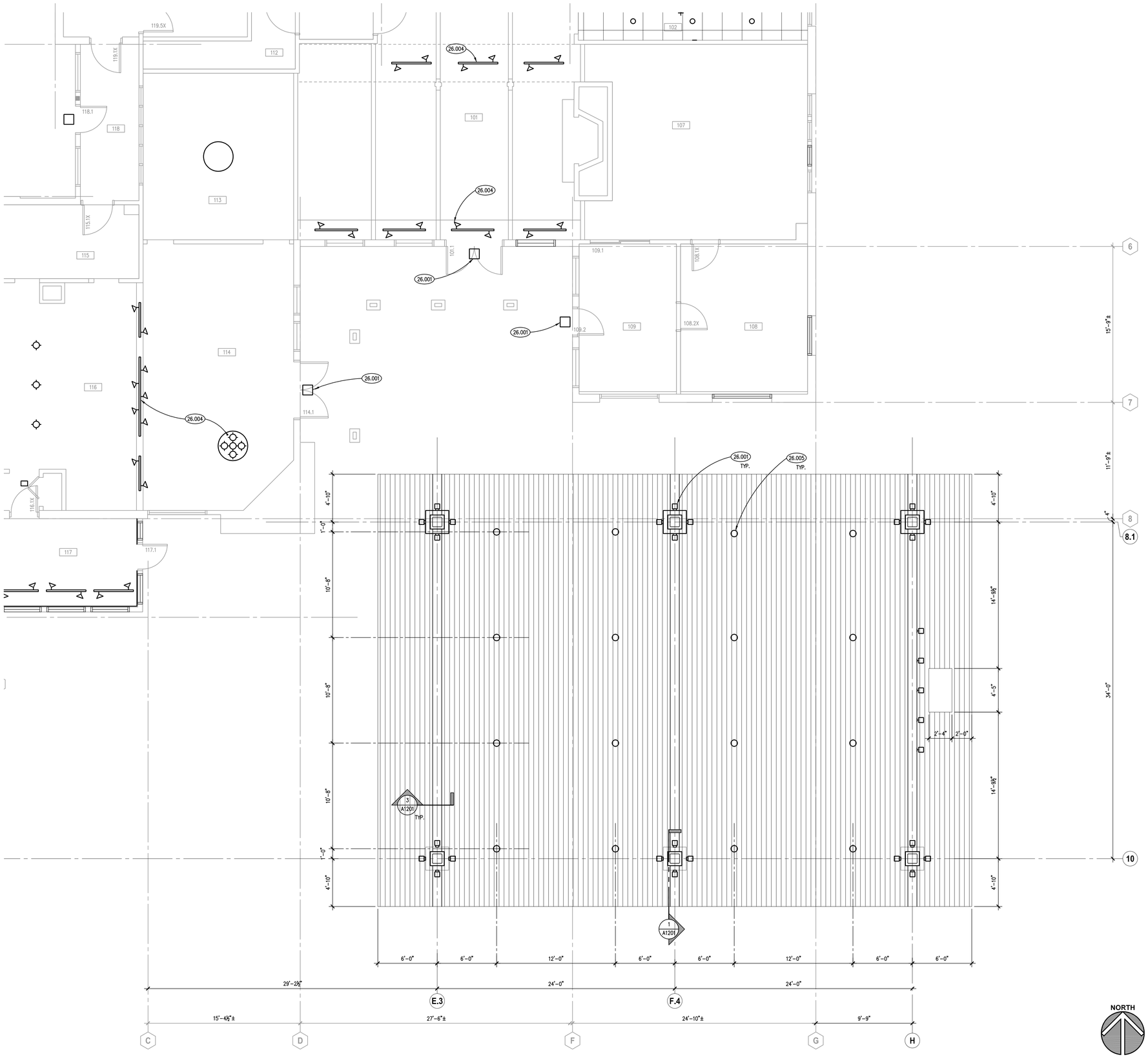
CEILING SECTION DETAIL (2)

SCALE: 1½" = 1'-0"

NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

P:\1250 - Kendall County Forest Preserve - Pickrell Estate House Conversion\30_Design\Dwgs\DD-CD\10_Arch\1250A0410.dwg, 2/2/2022 8:58:15 AM, PJT

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CANOPY REFLECTED CEILING PLAN (1)
SCALE: 1/4" = 1'-0"

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

26.001 LIGHT FIXTURE: EXTERIOR UP-DOWN LIGHT; DIMMABLE. REFER TO ELECTRICAL DRAWINGS.
26.004 LIGHT FIXTURE: INTERIOR; DIMMABLE. REFER TO ELECTRICAL DRAWINGS.
26.005 LIGHT FIXTURE: EXTERIOR RECESSED DOWN LIGHT WITH ANGLED CEILING TRIM AND BUG LENS. DIMMABLE. REFER TO ELECTRICAL DRAWINGS.

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.

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KENDALL COUNTY FOREST PRESERVE DISTRICT
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ISSUED
01/28/22 | BID DOCUMENTS

JOB NO.	19-429-1250
DRAWN	PJT
CHECKED	CJH
APPROVED	CJH

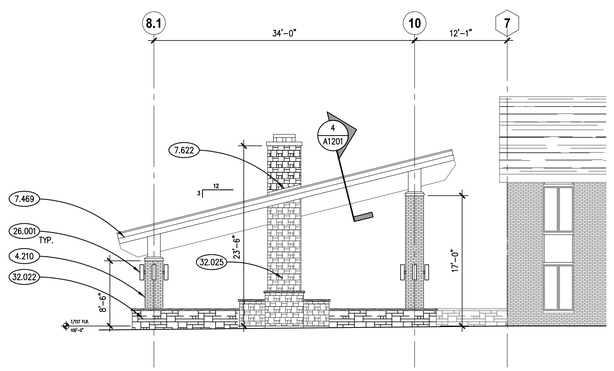
SHEET TITLE
CANOPY REFLECTED CEILING PLAN

SHEET NUMBER
A411

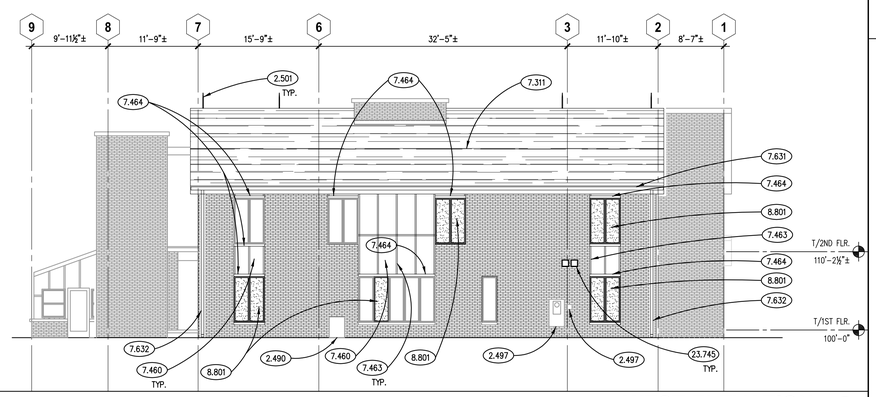
NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

P:\1250 - Kendall County Forest Preserve - Pickerill Estate House Conversion\30_Design\Dwgs\DD-CD\10_Arch\1250A411.dwg 2/2/2022 11:59:27 AM PJT

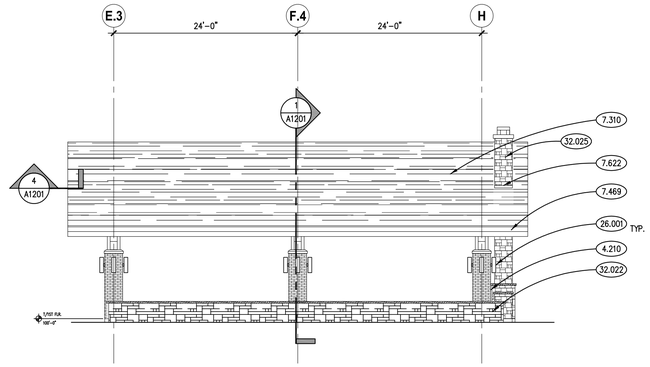
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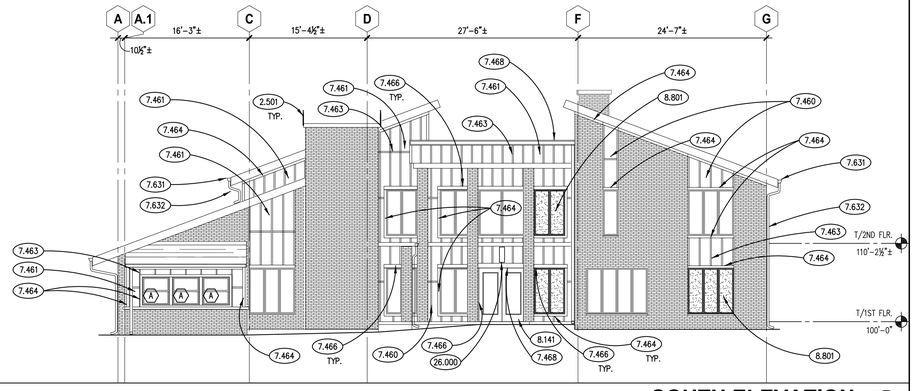
EAST CANOPY ELEVATION 8
SCALE: 1/8" = 1'-0"



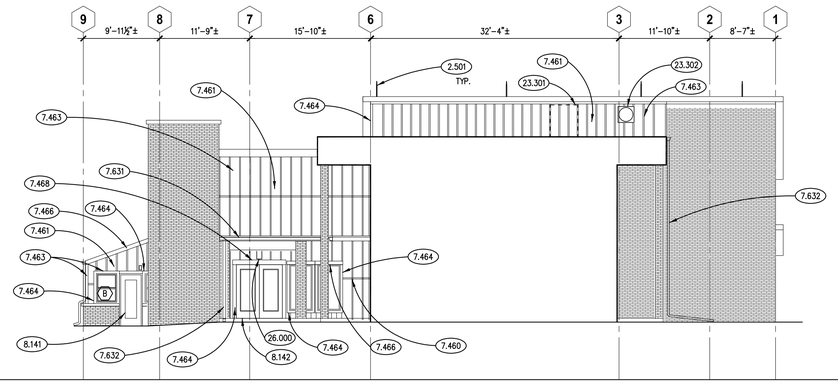
WEST ELEVATION 4
SCALE: 1/8" = 1'-0"



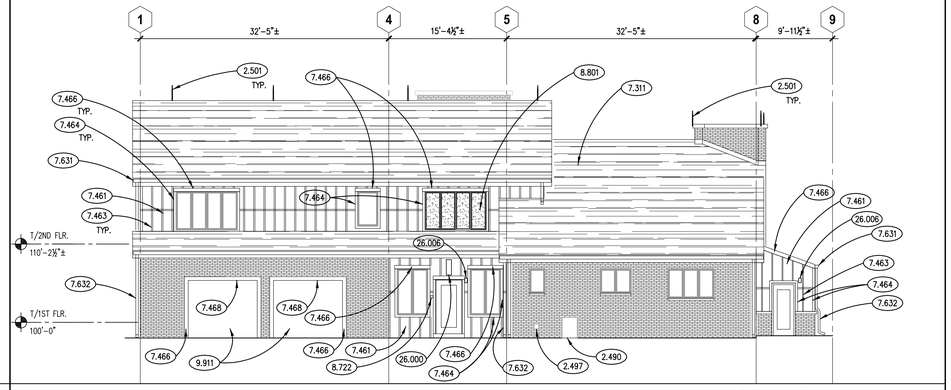
NORTH CANOPY ELEVATION 7
SCALE: 1/8" = 1'-0"



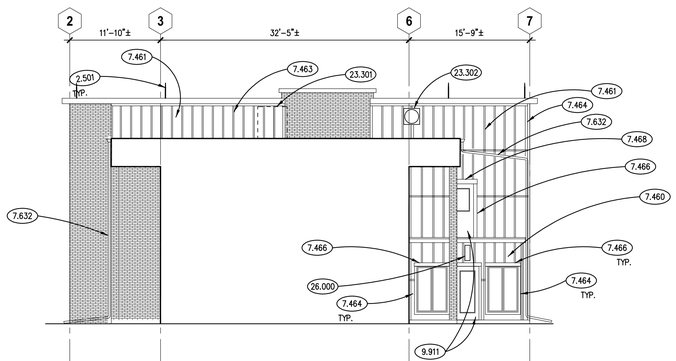
SOUTH ELEVATION 3
SCALE: 1/8" = 1'-0"



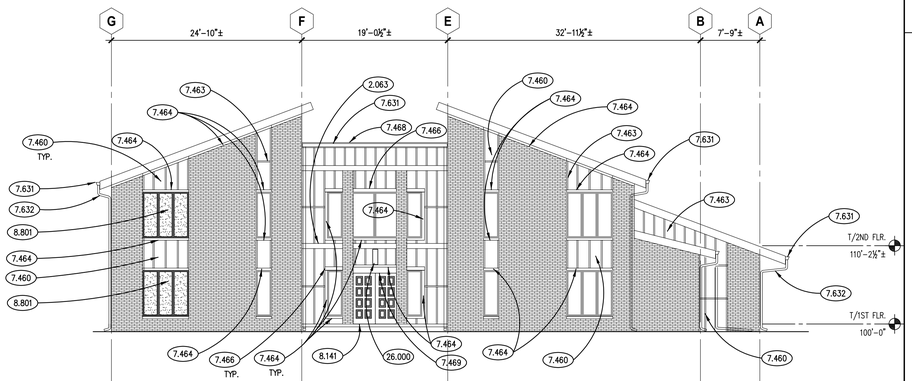
PARTIAL WEST ELEVATION 6
SCALE: 1/8" = 1'-0"



EAST ELEVATION 2
SCALE: 1/8" = 1'-0"



PARTIAL EAST ELEVATION 5
SCALE: 1/8" = 1'-0"



NORTH ELEVATION 1
SCALE: 1/8" = 1'-0"

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

2.063 TEMPORARILY REMOVE EXISTING WOOD DECKING CONSTRUCTION & REINSTALL AFTER INSTALLATION OF NEW SIDING.

2.490 REMOVE EXISTING MECHANICAL UNIT: REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
2.497 REMOVE EXISTING ELECTRICAL SYSTEM COMPONENT: AS INDICATED; REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
2.501 SALVAGE AND REINSTALL EXISTING LIGHTING ROD AFTER ROOF CONSTRUCTION.

4.210 BRICK MASONRY: MODULAR TYPE; REFER TO SPECIFICATIONS.

7.310 ASPHALT SHINGLE ROOFING SYSTEM: REFER TO SPECIFICATIONS.
7.311 ASPHALT SHINGLES.
7.460 FIBER CEMENT SIDING: VERTICAL SIDING PANEL WITH 1" X 2-1/2" BATTENS; SIMULATED ROUGH-SAWN WOOD GRAIN TEXTURE; COLOR FC1; REFER TO SPECIFICATIONS.
7.461 FIBER CEMENT SIDING: 5/16" THK. PANEL SIDING; COLOR FC1; REFER TO SPECIFICATIONS.
7.463 FIBER CEMENT SIDING: BATTEN STRIPS; 3/4" x 2-1/2", SIMULATED ROUGH-SAWN WOOD GRAIN TEXTURE; SPACED AT 16"..O.C. U.N.O ; COLOR FC1.
7.464 FIBER CEMENT SIDING: TRIM BOARD; 5/4" X 3-1/2" (ACTUAL); SIMULATED ROUGH-SAWN WOOD GRAIN TEXTURE; COLOR FC2; REFER TO SPECIFICATIONS.
7.466 FIBER CEMENT SIDING: TRIM BOARD; 5/4" X 5-1/2" (ACTUAL); SIMULATED ROUGH-SAWN WOOD GRAIN TEXTURE; COLOR FC2; REFER TO SPECIFICATIONS.
7.468 FIBER CEMENT SIDING: TRIM BOARD; 5/4" X 7-1/4" (ACTUAL); SIMULATED ROUGH-SAWN WOOD GRAIN TEXTURE; COLOR FC2; REFER TO SPECIFICATIONS.
7.469 FIBER CEMENT SIDING: TRIM BOARD; 5/4" X 9-1/4" (ACTUAL); SIMULATED ROUGH-SAWN WOOD GRAIN TEXTURE; COLOR FC2; REFER TO SPECIFICATIONS.
7.622 METAL FLASHING SYSTEM: FLASH CHIMNEY IN ACCORDANCE WITH SMACNA FIGURE 4-14.
7.631 METAL GUTTER: 6" WIDE; MATERIAL, THICKNESS AND FINISH AS SPECIFIED.
7.632 METAL DOWNSPOUT: 3 X 4 INCHES. MATERIAL, THICKNESS AND FINISH AS SPECIFIED.

8.141 WOOD EXTERIOR SWING ENTRANCE DOOR AND FRAME WITH APPLIED TRIM APPLICAE' TO MATCH EXISTING PROFILES: REFER TO DOOR, FRAME AND BORROWED LIGHT SCHEDULE.
8.142 METAL CLAD EXTERIOR WOOD SWING DOOR: REFER TO DOOR, FRAME AND BORROWED LIGHT SCHEDULE.
8.722 KNOX BOX: FULLY-RECESSED IN WALL; REFER TO SPECIFICATIONS.
8.801 REPLACE FAILED INSULATED GLASS UNITS ON EXISTING METAL CLAD WOOD WINDOWS WITH NEW INSULATED GLASS TYPE SG1: TOUCH UP STAIN ON WINDOW STOPS AFTER NEW GLASS INSTALLATION.

9.911 EXTERIOR PAINTING: PRIME AND TWO COATS PAINT ALL EXTERIOR GARAGE AND MAN DOORS; REFER TO SPECIFICATIONS.

23.301 MECHANICAL EQUIPMENT: REFER TO MECHANICAL DRAWINGS.
23.302 MECHANICAL EQUIPMENT: 1500 CFM WEATHERED WOOD POWERED ROOF ATTIC FAN WITH INTERGRAL ATTIC T-STAT OR APPROVED EQUAL; RECONNECT TO EXISTING POWER SOURCE.
23.745 PROVIDE PENETRATIONS THROUGH EXTERIOR WALL FOR NEW MECHANICAL DUCTS: REFER TO MECHANICAL DRAWINGS.

26.000 LIGHT FIXTURE: DIMMABLE. REFER TO ELECTRICAL DRAWINGS.
26.001 LIGHT FIXTURE: EXTERIOR UP-DOWN LIGHT; DIMMABLE. REFER TO ELECTRICAL DRAWINGS.
26.006 FIRE ALARM STROBE LIGHT: REFER TO ELECTRICAL DRAWINGS.

32.022 PRECAST CONCRETE DIMENSIONAL STONE SEAT WALL STONE BASE; MIN. 18 INCHES THICK.
32.025 PRE-MANUFACTURED CHIMNEY W/ WOOD BOX: REFER TO SPECIFICATIONS.

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. PREP, PRIME & TWO COAT PAINT ALL TRIM, DOORS, UNDERSIDE OF ROOF RAFTER TAILS AND TONGUE & GROOVE DECKING. TYPICAL.
3. PROVIDE ONE COAT OF PAINT ON NEW FIBER CEMENT TRIM AND SIDING PRODUCTS AFTER INSTALLATION OF ALL COMPONENTS. TYPICAL.

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KEN PICKERILL HOUSE RENOVATIONS

KENDALL COUNTY FOREST PRESERVE DISTRICT
110 W. MADISON STREET
YORKVILLE, IL 60560

ISSUED
01/28/22 BID DOCUMENTS

JOB NO.	19-429-1250
DRAWN	PJT
CHECKED	CJH
APPROVED	CJH

SHEET TITLE
EXTERIOR BUILDING & CANOPY ELEVATIONS

SHEET NUMBER
A700

NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

P:\1250 - Kendall County Forest Preserve - Pickerill Estate House Conversion\30_Design\Dwgs\DD-CD\10_Arch\1250A0700.dwg, 2/2/2022 1:15:02 PM, PJT

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DOOR AND FRAME SCHEDULE

ROOM NO.	ROOM NAME	DOOR NO.	DOOR															FRAME					DETAILS			HDWR SET	FIRE RATING (MIN.)	REMARKS
			QTY.	W	H	THK.	TYPE	HAND	MAT.	STEEL DOORS			WOOD DOORS					FINISH	GLASS	TYPE	MAT.	GA.	FINISH	GLASS	HEAD	JAMB	SILL			
										GA.	MDL.	CORE	GRD.	CORE	VENEER	CUT	MATCH												
100	EXISTING FOYER	100.1	2	3'-0"	6'-8"	1 3/4"	FD	L/RHR	WD	–	–	–	P	SCL	WAL	PS	P	S1	SG1	2	WD*	–	S1	–	6/A810	5/A810	–	1	–	1*
		100.2	2	3'-0"	6'-8"	1 3/4"	FG8	L/RHR	WD	–	–	–	P	SPEC	PN	PS	P	S1	FG1	2	WD*	–	S1	–	2/A810	1/A810	–	1	–	–
101	EXISTING FORMAL PARLOR	101.1	2	2'-10"	6'-8"	1 3/4"	FG	L/RHR	MCW	–	–	–	P	SPEC	PN	PS	–	S1	SG1	2	WD*	–	S1	–	4/A810	3/A810	–	2	–	–
102	CORRIDOR																													
103	WOMEN'S BATHROOM	103.1	1	3'-0"	6'-8"	1 3/4"	FA	RH	WD	–	–	–	P	SPEC	PN	PS	P	S1	–	1	WD*	–	S1	–	2/A810	1/A810	–	3	–	–
104	MEN'S BATHROOM	104.1	1	3'-0"	6'-8"	1 3/4"	FA	LH	WD	–	–	–	P	SPEC	PN	PS	P	S1	–	1	WD*	–	S1	–	2/A810	1/A810	–	3	–	–
105	NOT USED																													
106	NOT USED																													
107	EXISTING LIVING ROOM																													
108	EXISTING STORAGE																													
109	EXISTING STORAGE	109.2	1	3'-0"	6'-8"	1 3/4"	FG	RH	MCW	–	–	–	P	SPEC	PN	PS	P	S1	SG1	1	WD*	–	S1	–	4/A810 SIM.	3/A810 SIM.	–	4	–	–
110	EXISTING CORRIDOR																													
111	EXISTING BATHROOM																													
112	EXISTING JANITOR'S CLOSET																													
113	EXISTING DINING ROOM																													
114	EXISTING KEEPING ROOM	114.1	2	2'-10"	6'-8"	1 3/4"	FG	L/RHR	MCW	–	–	–	P	SPEC	PN	PS	P	S1	SG1	2	WD*	–	S1	–	4/A810	3/A810	–	2	–	–
115	EXISTING PANTRY																													
116	EXISTING KITCHEN																													
117	EXISTING VESTIBULE	117.1	1	2'-10" FV	6'-8"	1 3/4"	FG	RHR	MCW	–	–	–	P	SPEC	PN	PS	P	S1	SG1	1	WD*	–	S1	–	4/A810 SIM.	3/A810 SIM.	–	4		
		117.2	1	2'-10" FV	6'-8"	1 3/4"	FG	LHR	MCW	–	–	–	P	SPEC	PN	PS	P	S1	SG1	1	WD*	–	S1	–	4/A810 SIM.	3/A810 SIM.	–	4		
118	EXISTING FOYER	118.1	1	3'-0"	6'-8"	1 3/4"	FG	LH	MCW	–	–	–	P	SPEC	PN	PS	P	S1	SG1	1	WD*	–	S1	–	4/A810 SIM.	3/A810 SIM.	–	4		
119	EXISTING GARAGE																													
120	EXISTING STORAGE																													
203.1	EXISTING CLOSET	203.1	1	2'-10" FV	6'-8"	1 3/4"	F	RHR	MCW	–	–	–	P	SPEC	PN	PS	–	S1	SG1	1	WD*	–	S1	–	4/A810 SIM.	3/A810 SIM.	–	4	–	–

DOOR HARDWARE SCHEDULE

SET NO.	HINGES	LOCK SET	EXIT DEVICE	CLOSER	HOLDER	STOP	THRES-HOLD	KICK PLATE	MOP PLATE	WEATHER STRIPPING	SWEEP	PUSH/ PULL	REMOV. MULLION	REMARKS
1	BUTTS	–	YES	YES	–	IN CLOSER	YES	YES	–	YES	YES	YES	YES	1
2	BUTTS	–	YES	YES	–	IN CLOSER	YES	YES	–	YES	YES	YES	YES	2
3	BUTTS	–	–	YES	–	WALL	–	YES	YES	–	–	YES	–	3
4	BUTTS	YES	–	YES	–	–	YES	YES	–	YES	YES	–	–	4

DOOR HARDWARE SCHEDULE REMARKS

1. ENTRY FUNCTION RIM PANIC DEVICE, CYLINDER DOGGING, CLOSER WITH CUSH. STOP; HEAVY DUTY CLOSER ARM. KEYED REMOVABLE MULLION, OFFSET EXTERIOR TUBULAR PULLS WITH EXTERIOR KEY CYLINDER ON RHR LEAF.
2. ENTRY FUNCTION RIM PANIC DEVICE, CYLINDER DOGGING, CLOSER WITH CUSH. STOP; HEAVY DUTY CLOSER ARM. KEYED REMOVABLE MULLION, OFFSET EXTERIOR TUBULAR PULLS WITH EXTERIOR KEY CYLINDER ON RHR LEAF. METAL CLAD WOOD DOOR.
3. TUBULAR STRAIGHT PULL TRIM WITH BACKER PLATE BEHIND PULL AND FLAT PUSH PLATE ON PUSH SIDE OF DOORWAY, CLOSER, WALL STOP.
4. ENTRY FUNCTION CYLINDRICAL LOCKSET WITH LEVER TRIM, HEAVY DUTY CLOSER.

DOOR & FRAME SCHEDULE REMARKS

1. EXTERIOR DOOR TO BE FACTORY STAINED, TOP SEALED FROM WEATHER WITH FACTORY INSULATED, LOW E GLAZING.

DOOR SCHEDULE ABBREVIATIONS

DOOR / FRAME MATERIAL	
AL	ALUMINUM
STL	STEEL
WD	WOOD
MCW	METAL CLAD WOOD

SPECIAL DOOR TYPES	
AC	ACCORDION
AP	ACCESS PANEL
DK	DARKROOM REVOLVING
HS	OVERHEAD HIGH-SPEED
OR	OVERHEAD ROLLING
OS	OVERHEAD SECTIONAL

DOOR / FRAME FINISHES	
A	ANODIZED
P_	PAINTED – SEE FIN. SCHED.
S1	STAINED – MATCH EXIST.

STEEL DOOR GAGE	
20	LEVEL 1 – STD. DUTY
18	LEVEL 2 – HEAVY DUTY
16	LEVEL 3 – EXTRA HVY. DUTY
14	LEVEL 4 – MAXIMUM DUTY

STEEL DOOR MODEL	
1	FULL FLUSH
2	SEAMLESS
3	STILE & RAIL

STEEL DOOR CORE	
HC	HONEYCOMB
MB	MINERAL BOARD
PS	POLYSTYRENE
PU	POLYURETHANE
SS	STEEL STIFFENERS

GLASS TYPES	
SG1	SEALED INSULATED GLASS
FG1	1/4" TEMPERED GLASS

WOOD DOOR GRADE	
P	PREMIUM
C	CUSTOM
E	ECONOMY

WOOD DOOR CORE	
HC	HONEYCOMB
MB	MINERAL BOARD
PC5	5-PLY PARTICLE BOARD
SCL	STAVED CORE LUMBER

WOOD DOOR VENEER	
BW	BIRCH – WHITE (SAPWOOD)
WAL	WALNUT
HPDL	DECORATIVE LAMINATE
MW	MAPLE – WHITE (SAPWOOD)
OR	RED OAK
OW	WHITE OAK
PO	POPLAR
PN	CLEAR PINE

WOOD DOOR VENEER CUTS	
PS	PLAIN SLICED
QS	QUARTER SLICED
RC	RIFT CUT
R	ROTARY CUT

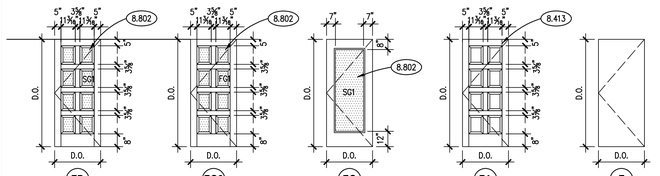
WOOD DOOR VENEER MATCHING	
BK	BOOK MATCH
SL	SLIP MATCH
RAN	RANDOM MATCH
E	END MATCH
CON	CONTINUOUS MATCH
RUN	RUNNING MATCH
BAL	BALANCE MATCH
CB	CENTER BALANCE MATCH
P	PAIR MATCH
S	SET MATCH

HARDWARE MOUNTING HEIGHTS

HARDWARE COMPONENT	PREFERRED MOUNTING HEIGHT FROM BOTTOM OF DOOR FRAME	ACCEPTABLE RANGE IF PREFERRED MOUNTING HEIGHT NOT POSSIBLE
LOCKSETS, LATCHSETS	39" TO CENTERLINE OF LEVER	38" TO 42"
EXIT DEVICES	39" TO CENTERLINE OF PUSH PAD	38" TO 42"
DEADBOLT LOCKS	46" TO CENTERLINE OF CYLINDER	30" TO 48"
PUSH PLATES	45" TO CENTERLINE OF PUSH PLATE	N/A
PULLS, COMBINATION PUSH/PULL BARS	42" TO CENTERLINE OF PULL/BAR	N/A
ROLLER LATCHES	45" TO CENTERLINE OF LATCH STRIKE	N/A

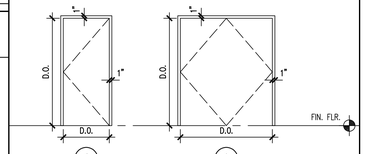
DOOR TYPES

WINDOW & DOOR REPLACEMENT NOTES: ADJUST ALL EXISTING WALL OPENINGS TO ACCOMMODATE NEW WINDOWS OR DOORS; PROVIDE ADDITIONAL WALL FRAMING, SHEATHING, TRIM AND VAPOR RETARDER AT REPLACEMENT LOCATIONS AS REQUIRED FOR A COMPLETE, WEATHERTIGHT INSTALLATION. TYPICAL AT ALL EXTERIOR OPENINGS.



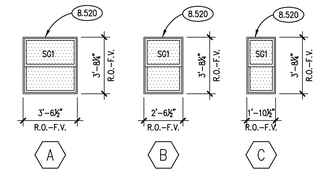
SOLID WOOD WITH SG1 GLASS | SOLID WOOD WITH FG1 GLASS | METAL CLAD WOOD | WOOD | METAL CLAD WOOD

FRAME TYPES



WINDOW & DOOR REPLACEMENT NOTES: ADJUST ALL EXISTING WALL OPENINGS TO ACCOMMODATE NEW WINDOWS OR DOORS; PROVIDE ADDITIONAL WALL FRAMING, SHEATHING, TRIM AND VAPOR RETARDER AT REPLACEMENT LOCATIONS AS REQUIRED FOR AA COMPLETE, WEATHERTIGHT INSTALLATION. TYPICAL AT ALL EXTERIOR OPENINGS.

WINDOW TYPES



WINDOW & DOOR REPLACEMENT NOTES: ADJUST ALL EXISTING WALL OPENINGS TO ACCOMMODATE NEW WINDOWS OR DOORS; PROVIDE ADDITIONAL WALL FRAMING, SHEATHING, TRIM AND VAPOR RETARDER AT REPLACEMENT LOCATIONS AS REQUIRED FOR AA COMPLETE, WEATHERTIGHT INSTALLATION. TYPICAL AT ALL EXTERIOR OPENINGS.

KEYNOTES

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8.413 STILE AND RAIL WOOD INTERIOR DOOR: REFER TO DOOR, FRAME AND BORROWED LIGHT SCHEDULE.
8.520 METAL CLAD WOOD WINDOW; DOUBLE HUNG TYPE WITH INSECT SCREEN. REFER TO SPECIFICATIONS.
8.802 GLAZING: REFER TO DOOR SCHEDULE FOR TYPE.

GENERAL NOTES

1. REFER TO SHEET G100 FOR PROJECT GENERAL NOTES.
2. REFER TO A400 SERIES REFLECTED CEILING PLANS FOR CEILING HEIGHTS.

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KEN PICKERILL HOUSE RENOVATIONS

KENDALL COUNTY FOREST PRESERVE DISTRICT
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YORKVILLE, IL 60560

ISSUED
BID DOCUMENTS
01/28/22

JOB NO.	19-429-1250
DRAWN	SKF
CHECKED	CJH
APPROVED	CJH

SHEET TITLE

DOOR, FRAME & HARDWARE SCHEDULES

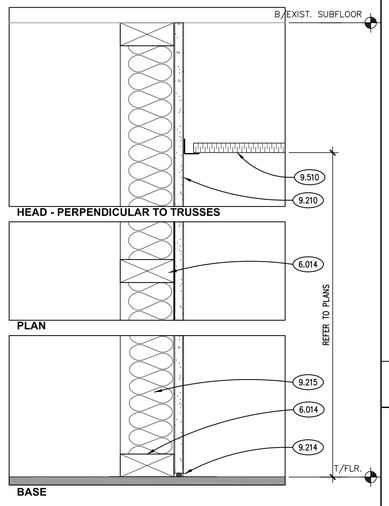
SHEET NUMBER

A800

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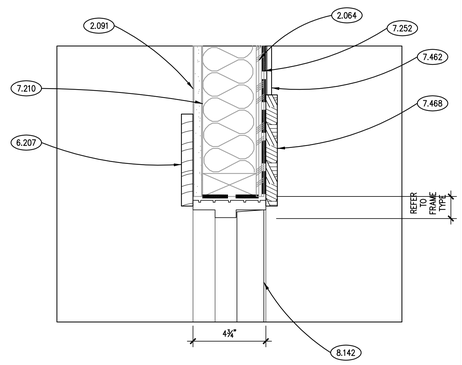
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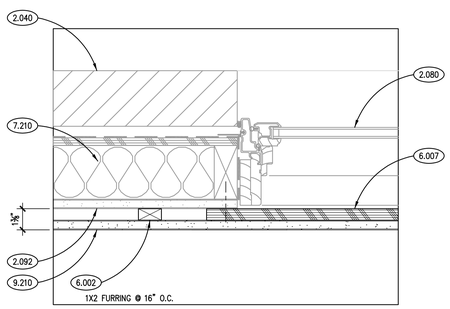
NON-RATED PARTITION G5o
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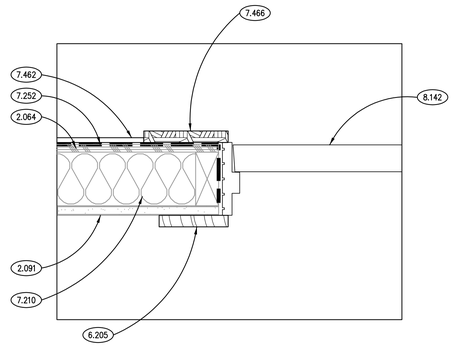
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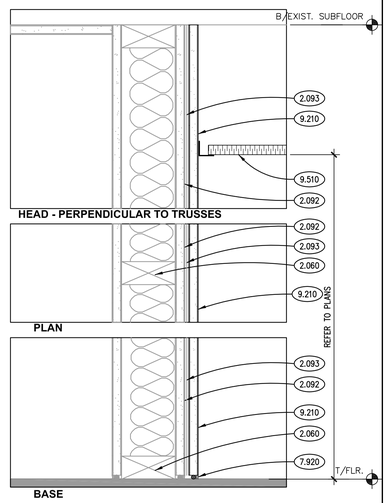
HEAD DETAIL 4
SCALE: 3" = 1'-0"



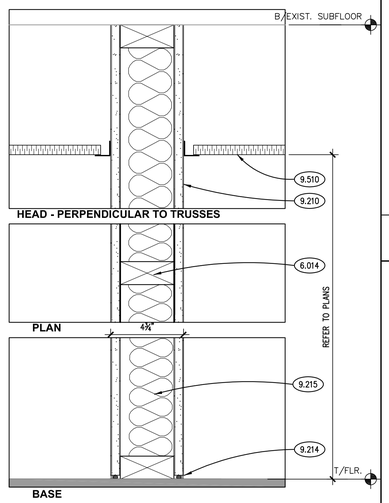
PLAN DETAIL 7
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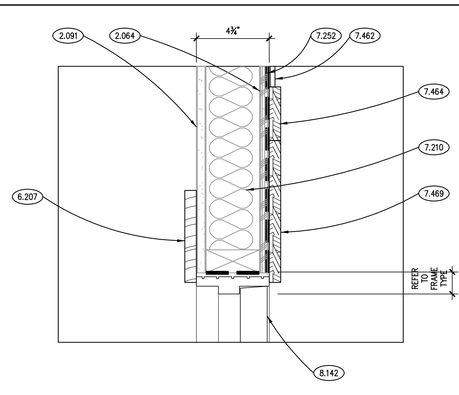
JAMB DETAIL 3
SCALE: 3" = 1'-0"



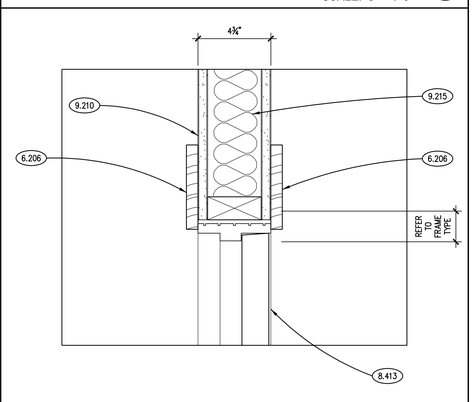
NON-RATED PARTITION G1w
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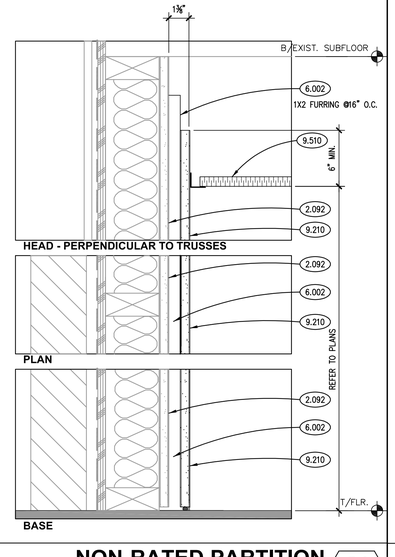
NON-RATED PARTITION G5e
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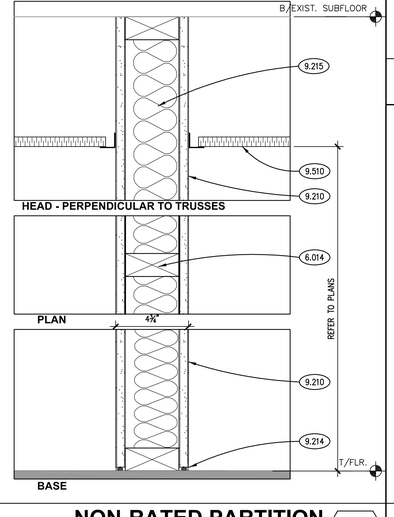
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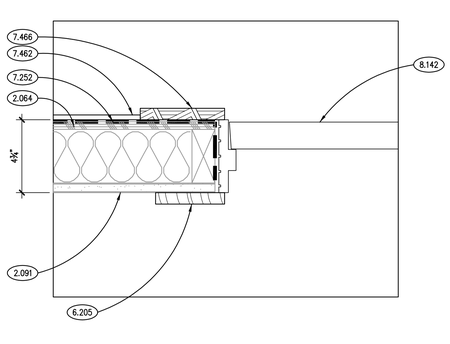
HEAD DETAIL 2
SCALE: 3" = 1'-0"



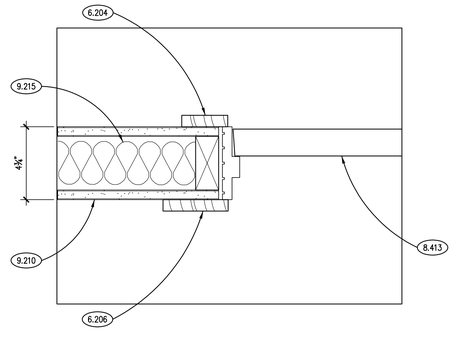
NON-RATED PARTITION G1
SCALE: 3" = 1'-0"



NON-RATED PARTITION G5
SCALE: 3" = 1'-0"



DETAIL 5
SCALE: 3" = 1'-0"



JAMB DETAIL 1
SCALE: 3" = 1'-0"

KEYNOTES

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2.040 EXISTING BRICK VENEER.
2.060 EXISTING 2 BY WOOD STUD.
2.064 EXISTING PLYWOOD SHEATHING.
2.080 EXISTING WINDOW.
2.091 EXISTING DRYWALL CONSTRUCTION.
2.092 EXISTING GYPSUM BOARD.
2.093 EXISTING WALL PAPER TO REMAIN.

6.002 ROUGH CARPENTRY: WOOD BLOCKING; DIMENSIONAL LUMBER; SIZE AS REQUIRED; REFER TO SCHEDULE FOR TREATMENT.
6.007 ROUGH CARPENTRY: PLYWOOD: 3/4" THICK; FIELD PAINTED BLACK PRIOR TO INSTALLATION; REFER TO SPECIFICATIONS.
6.014 DIMENSIONAL LUMBER: STUD FRAMING; 2X4 @ 16" O.C.
6.204 FINISH CARPENTRY: SOFTWOOD TRIM; 3/4" x 3" (ACTUAL); REFER TO SPECIFICATIONS.
6.205 FINISH CARPENTRY: SOFTWOOD TRIM; 3/4" x 4-1/2" (ACTUAL); REFER TO SPECIFICATIONS.
6.206 FINISH CARPENTRY: SOFTWOOD TRIM; 3/4" x 5-1/2" (ACTUAL); REFER TO SPECIFICATIONS.
6.207 FINISH CARPENTRY: SOFTWOOD TRIM; 3/4" x 6" (ACTUAL); REFER TO SPECIFICATIONS.

7.210 EXISTING EXTERIOR WALL THERMAL BATT INSULATION TO REMAIN. SUPPLEMENT WITH NEW BATT INSULATION AS REQUIRED AT WINDOW AND DOOR REPLACEMENT LOCATIONS.
7.252 WEATHER BARRIER SHEET MEMBRANE: REFER TO SPECIFICATIONS.
7.462 FIBER CEMENT SIDING: 5/16" THK. VERTICAL SIDING PANEL; COLOR FC1; REFER TO SPECIFICATIONS.
7.464 FIBER CEMENT SIDING: TRIM BOARD; 5/4" X 3-1/2" (ACTUAL); SIMULATED ROUGH-SAWN WOOD GRAIN TEXTURE; COLOR FC2; REFER TO SPECIFICATIONS.
7.466 FIBER CEMENT SIDING: TRIM BOARD; 5/4" X 5-1/2" (ACTUAL); SIMULATED ROUGH-SAWN WOOD GRAIN TEXTURE; COLOR FC2; REFER TO SPECIFICATIONS.
7.468 FIBER CEMENT SIDING: TRIM BOARD; 5/4" X 7-1/4" (ACTUAL); SIMULATED ROUGH-SAWN WOOD GRAIN TEXTURE; COLOR FC2; REFER TO SPECIFICATIONS.
7.469 FIBER CEMENT SIDING: TRIM BOARD; 5/4" X 9-1/4" (ACTUAL); SIMULATED ROUGH-SAWN WOOD GRAIN TEXTURE; COLOR FC2; REFER TO SPECIFICATIONS.
7.920 JOINT SEALANT: REFER TO SCHEDULE IN SPECIFICATION SECTION 07 92 00; PROVIDE BACKER ROD OR BOND BREAKER.

8.142 METAL CLAD EXTERIOR WOOD SWING DOOR; REFER TO DOOR, FRAME AND BORROWED LIGHT SCHEDULE.
8.413 STILE AND RAIL WOOD INTERIOR DOOR: REFER TO DOOR, FRAME AND BORROWED LIGHT SCHEDULE.

9.210 GYPSUM BOARD: 5/8" THICK; TYPE "X".
9.214 GYPSUM BOARD ACCESSORY: ACOUSTICAL SEALANT.
9.215 GYPSUM BOARD ACCESSORY: ACOUSTICAL INSULATION: SOUND ATTENUATION BATTS; THICKNESS AS SPECIFIED.
9.510 ACOUSTICAL CEILING PANELS AND GRID.

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. PREP, 2 COAT PRIME & PAINT ALL EXPOSED NEW OR EXISTING WOOD TRIM, OVERHEAD DOORS, UNDERSIDE OF ROOF RAFTER TAILS AND TONGUE & GROOVE DECKING SCHEDULED TO REMAIN. TYPICAL AT EXTERIOR SIDE OF THE BUILDING.
3. PAINT ALL NEW EXTERIOR FIBER CEMENT SIDING AND TRIM WITH ONE COAT OF PAINT AFTER INSTALLATION. REFER TO SPECIFICATIONS.
4. IT IS THE INTENT OF THIS PROJECT THAT ALL EXTERIOR WOOD AND FIBER CEMENT SURFACES ARE PAINTED UNDER THIS GENERAL CONTRACT.

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KEN PICKERILL HOUSE RENOVATIONS

KENDALL COUNTY FOREST PRESERVE DISTRICT
110 W. MADISON STREET
YORKVILLE, IL 60560

ISSUED
01/20/22 | BID DOCUMENTS

JOB NO.	19-429-1250
DRAWN	SKF
CHECKED	CJH
APPROVED	CJH

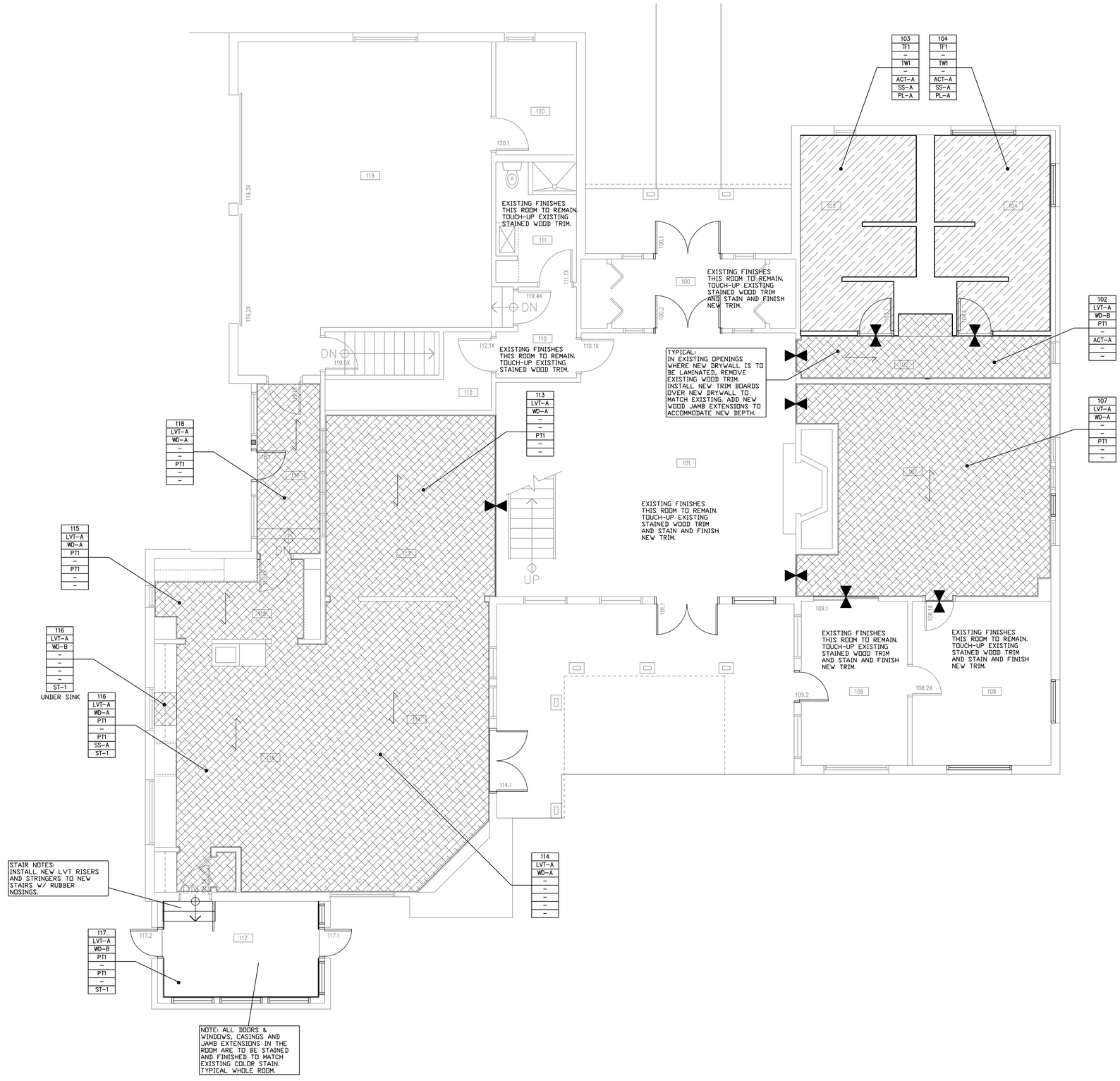
SHEET TITLE
INTERIOR PARTITIONS & DOOR DETAILS

SHEET NUMBER
A810

NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

P:\1250 - Kendall County Forest Preserve - Pickerill Estate House Conversion\30_Design\Dwgs\DD-CD\10_Arch\1250A0810.dwg, 2/2/2022 9:14:15 AM, PJT

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FIRST FLOOR FINISH PLAN

SCALE: 1/4" = 1'-0"

1

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FLOOR PLAN LEGEND

¾" PLYWOOD FLOOR UNDERLAYMENT

½" CEMENT BOARD FLOOR UNDERLAYMENT

FINISHES SCHEDULE

AREA	FINISH CODE	MATERIAL	MANUFACTURER	DESCRIPTION
FLOORING	TF1	PORCELAIN TILE	CROSSVILLE	PRODUCT: AV224–TIMBER
				SIZE: 12"X12"
				GROUT–B: #35 MOCHA
	LVT–A	LUXURY VINYL TILE	J+J FLOORING	PRODUCT: LVT CLASSICS
				COLOR: #100B PARADIGM
	VCT–A	VINYL COMPOSITION TILE	ARMSTRONG	PRODUCT: STAND. EXCELON IMPERIAL TEXTURE
			FLOORING	COLOR: 51810 WASHED LINEN
				SIZE: 12"X12"X1/8"
WALL BASE	VB–A	RUBBER BASE	JOHNSONITE	SERIES: TRADITIONAL COLOR: #47 BROWN
				TYPE: COVE
	WD–A	WOOD BASE	EXISTING	EXISTING 1 X WOOD BASE STAINED TO REMAIN
				PROVIDE NEW STAINED & FINISHED QTR. RND.
				AT PERIMETER OF ROOM
	WD–B	WOOD BASE		NEW 1 X 4 WOOD BASE STAINED AND FINISHED
				WITH WOOD QTR. RND. AT PERIMETER OF RM.
WALLS	TW1	PORCELAIN TILE	CROSSVILLE	PRODUCT: AV221–GYPSUM SIZE: 12"X24"
				PATTERN: RUNNING BOND HORIZONTAL
				GROUT–A: #39 MUSHROOM
	PT1	PAINT	BENJAMIN MOORE	
	PT2	PAINT	BENJAMIN MOORE	
	PT3	PAINT	BENJAMIN MOORE	
	PT4	PAINT	BENJAMIN MOORE	
	FC1	FIBER CEMENT SIDING	JAMES HARDIE	COLOR: RICH ESPRESSO
	FC2	FIBER CEMENT SIDING	JAMES HARDIE	COLOR: HEATHERED MOSS
CEILINGS	ACT–A	ACOUSTICAL CEILING TILE	ARMSTRONG	SYSTEM: ULTIMA SIZE: 24"X24"X3/4"
				COLOR: WHITE
				EDGE: ULTIMA 1911 BEVELED TEGULAR 15/16"
				GRID: PRELUDE 15/16"
	NC	NO CEILING FINISH		
COUNTERTOP MATERIAL	SS–A	SOLID SURFACE	WILSONART	COLOR: MYSTIQUE 9200CS
MILLWORK	PL–A	PLASTIC LAMINATE	WILSONART	COLOR: STICKLEY OAK 17003K–57
	ST–1	WOOD CASEWORK	CUSTOM	COLOR: STAINED & FINISHED TO MATCH EXIST.

LEGEND

ROOM NAME

000 — ROOM NUMBER
CPT — FLOORING
RB1 — WALL BASE
PT1 — WALL FINISH
TW1 — ADDITIONAL WALL FINISH
APC — CEILING
SSM — COUNTERTOPS
PLAM — MILLWORK

CORNER GUARDS

END GUARDS

FLOOR TRANSITION

FLOOR PATTERN DIRECTION

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. REFER TO A400 SERIES REFLECTED CEILING PLAN DRAWINGS FOR CEILING HEIGHTS.
3. COORDINATE CEILING HEIGHTS WITH SECTIONS AND DETAILS.
4. COORDINATE LOCATIONS OF WALL–MOUNTED ELECTRICAL ITEMS WITH ARCHITECTURAL ITEMS TO ENSURE NO OVERLAP.
5. ALL EXPOSED ELECTRICAL WIREMOLD FOR NEW ELECTRICAL AND FIRE ALARM DEVICES SHALL BE FIELD PAINTED AFTER INSTALLATION IN A COLOR TO BLEND WITH ADJACENT SURFACE AS DIRECTED BY ARCHITECT. TYPICAL IN ALL ROOMS ON THE FIRST AND SECOND FLOORS.
6. ALL FIRST AND SECOND FLOOR SPACES AFFECTED BY CONSTRUCTION WORK SHALL HAVE THE EXISTING WOOD TRIM, PANELING AND CEILING TOUCHED UP WITH STAIN AND FINISH TO BLEND WITH ADJACENT SURFACES.

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SHEET TITLE

FIRST FLOOR FINISH PLAN

SHEET NUMBER

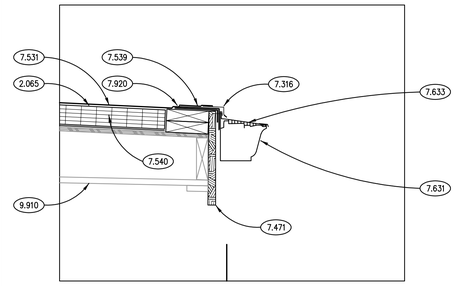
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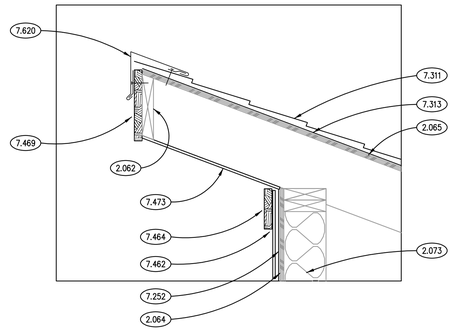
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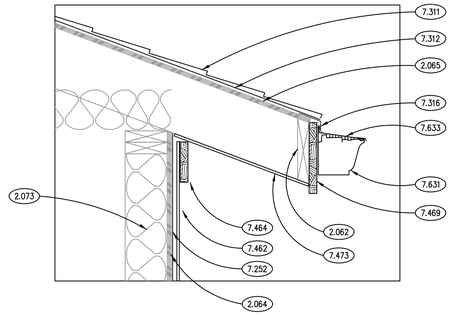
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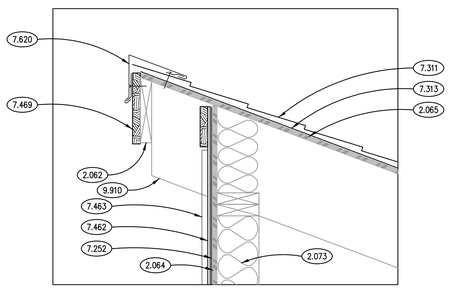
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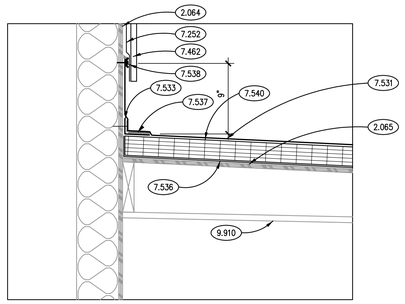
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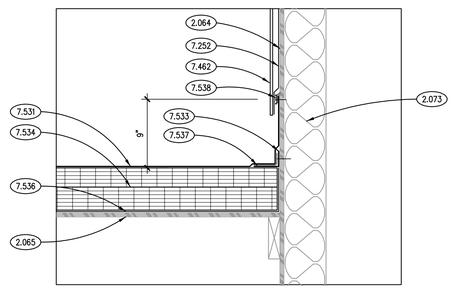
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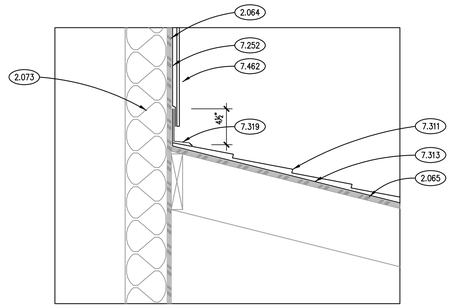
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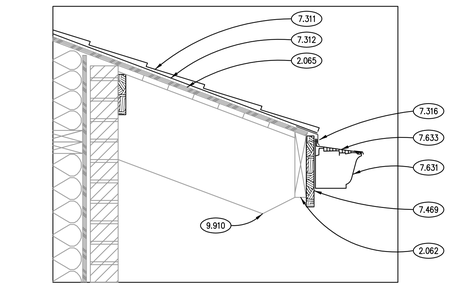
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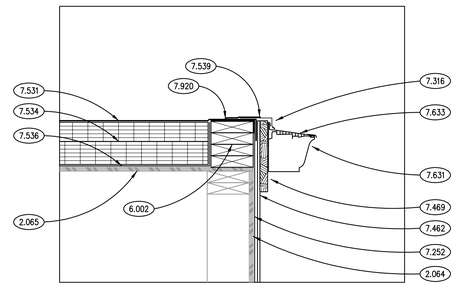
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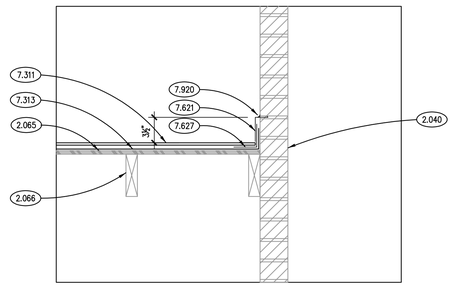
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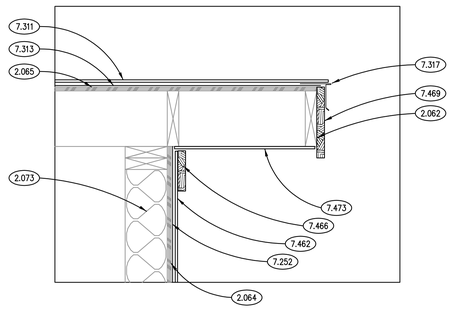
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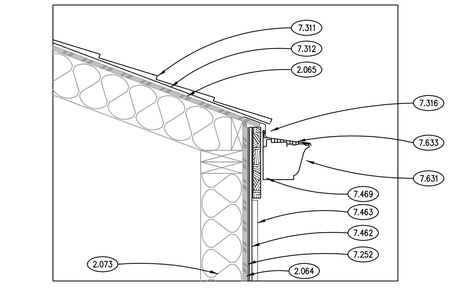
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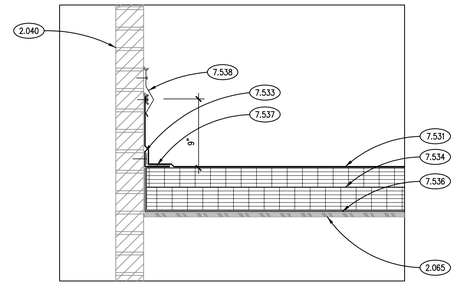
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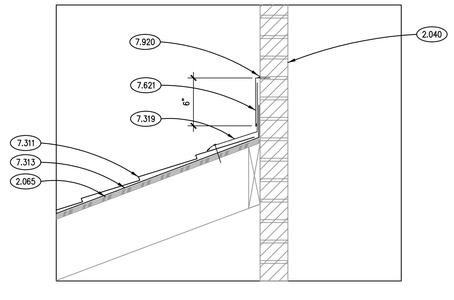
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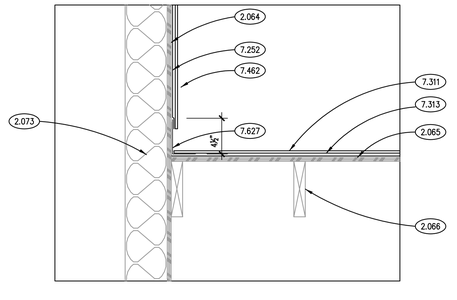
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SCALE: 1½" = 1'-0"



SECTION DETAIL (9)
SCALE: 1½" = 1'-0"



SECTION DETAIL (5)
SCALE: 1½" = 1'-0"



SECTION DETAIL (1)
SCALE: 1½" = 1'-0"

KEYNOTES

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2.040 EXISTING BRICK VENEER.
2.062 EXISTING WOOD SUB-FASCIA.
2.064 EXISTING PLYWOOD SHEATHING.
2.065 EXISTING PLYWOOD DECKING.
2.066 EXISTING WOOD TRUSS TO REMAIN.
2.073 EXISTING BATT INSULATION.

6.002 ROUGH CARPENTRY: WOOD BLOCKING; DIMENSIONAL LUMBER; SIZE AS REQUIRED; REFER TO SCHEDULE FOR TREATMENT.

7.252 WEATHER BARRIER SHEET MEMBRANE: REFER TO SPECIFICATIONS.
7.311 ASPHALT SHINGLES.
7.312 ASPHALT SHINGLES SHEET MATERIAL: EAVE PROTECTION MEMBRANE; EXTEND MIN. 2 FEET PAST EDGE OF INTERIOR WALL SURFACE AT ALL OVERHANG LOCATIONS. INSTALL 2 FEET ON EITHER SIDE OF ALL ROOF VALLEYS AND AT RIDGES.
7.313 ASPHALT SHINGLES SHEET MATERIAL: UNDERLAYMENT.
7.316 ASPHALT SHINGLES METAL FLASHING: GUTTER APRON; MATERIAL, THICKNESS AND FINISH AS SPECIFIED.
7.317 ASPHALT SHINGLES METAL FLASHING: EDGE FLASHING; MATERIAL, THICKNESS AND FINISH AS PECIFIED.
7.319 ASPHALT SHINGLES METAL FLASHING: BASE COUNTERFLASHING; MATERIAL, THICKNESS AND FINISH AS PECIFIED.
7.462 FIBER CEMENT SIDING: 5/16" THK. VERTICAL SIDING PANEL; COLOR FC1; REFER TO SPECIFICATIONS.
7.463 FIBER CEMENT SIDING: BATTEN STRIPS; 3/4" x 2-1/2"; SIMULATED ROUGH-SAWN WOOD GRAIN TEXTURE; SPACED AT 16"-0.C. U.N.O ; COLOR FC1.
7.464 FIBER CEMENT SIDING: TRIM BOARD; 5/4" X 3-1/2" (ACTUAL); SIMULATED ROUGH-SAWN WOOD GRAIN TEXTURE; COLOR FC2; REFER TO SPECIFICATIONS.
7.466 FIBER CEMENT SIDING: TRIM BOARD; 5/4" X 5-1/2" (ACTUAL); SIMULATED ROUGH-SAWN WOOD GRAIN TEXTURE; COLOR FC2; REFER TO SPECIFICATIONS.
7.469 FIBER CEMENT SIDING: TRIM BOARD; 5/4" X 9-1/4" (ACTUAL); SIMULATED ROUGH-SAWN WOOD GRAIN TEXTURE; COLOR FC2; REFER TO SPECIFICATIONS.
7.471 FIBER CEMENT SIDING: TRIM BOARD; 5/4" X 11-1/4" (ACTUAL); SIMULATED ROUGH-SAWN WOOD GRAIN TEXTURE; COLOR FC2; REFER TO SPECIFICATIONS.
7.473 FIBER CEMENT SIDING: SOFFIT PANELS; COLOR FC2; REFER TO SPECIFICATIONS.
7.531 ELASTOMERIC MEMBRANE ROOFING MATERIAL: EPDM MEMBRANE.
7.533 ELASTOMERIC MEMBRANE ROOFING MATERIAL: FLEXIBLE EPDM FLASHING.
7.534 ELASTOMERIC MEMBRANE ROOFING MATERIAL: RIGID INSULATION; 2 LAYERS; 3 INCH OVER 2Å½ INCH; 5Å½ INCHES TOTAL THICKNESS; R-30.8 (MIN).
7.536 ELASTOMERIC MEMBRANE ROOFING MATERIAL: VAPOR RETARDER.
7.537 ELASTOMERIC MEMBRANE ROOFING MATERIAL: ADHESIVE.
7.538 ELASTOMERIC MEMBRANE ROOFING ACCESSORY: TERMINATION BAR WITH SEALANT BEAD.
7.539 ELASTOMERIC MEMBRANE ROOFING MATERIAL: SELF-ADHERING MEMBRANE FLASHING.
7.540 ELASTOMERIC MEMBRANE ROOFING MATERIAL: RIGID INSULATION; 2-1/2".
7.620 METAL COPING FLASHING: THICKNESS AND FINISH AS SPECIFIED.
7.621 METAL COUNTERFLASHING RECEIVER: EMBEDDED IN MASONRY; MATERIAL, THICKNESS AND FINISH AS SPECIFIED.
7.627 METAL STEP FLASHING; MIN. 6" CLEAR FROM ANY STEP FLASHING EDGE TO ROOFING MATERIAL BELOW; MATERIAL, THICKNESS AND FINISH AS SPECIFIED.
7.631 METAL GUTTER: 6" WIDE; MATERIAL, THICKNESS AND FINISH AS SPECIFIED.
7.633 METAL GUTTER ACCESSORY: LEAF FILTER; REFER TO SPECIFICATIONS.
7.920 JOINT SEALANT: REFER TO SCHEDULE IN SPECIFICATION SECTION 07 92 00; PROVIDE BACKER ROD OR BOND BREAKER.

9.910 EXTERIOR PAINTING: SCRAPE EXISTING EXPOSED CEDAR RAFTERS AND WOOD DECKING, PRIME AND TWO COATS STAIN. TYPICAL AT BUILDING PERIMETER.

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. PREP, 2 COAT PRIME & PAINT ALL EXPOSED NEW OR EXISTING WOOD TRIM, OVERHEAD DOORS, UNDERSIDE OF ROOF RAFTER TAILS AND TONGUE & GROOVE DECKING SCHEDULED TO REMAIN. TYPICAL AT EXTERIOR SIDE OF THE BUILDING.
3. PAINT ALL NEW EXTERIOR FIBER CEMENT SIDING AND TRIM WITH ONE COAT OF PAINT AFTER INSTALLATION. REFER TO SPECIFICATIONS.
4. IT IS THE INTENT OF THIS PROJECT THAT ALL EXTERIOR WOOD AND FIBER CEMENT SURFACES ARE PAINTED UNDER THIS GENERAL CONTRACT.

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KEN PICKERILL HOUSE RENOVATIONS

KENDALL COUNTY FOREST PRESERVE DISTRICT
110 W. MADISON STREET
YORKVILLE, IL 60560

ISSUED
01/20/22 | BID DOCUMENTS

JOB NO.	19-429-1250
DRAWN	PJT
CHECKED	CJH
APPROVED	CJH

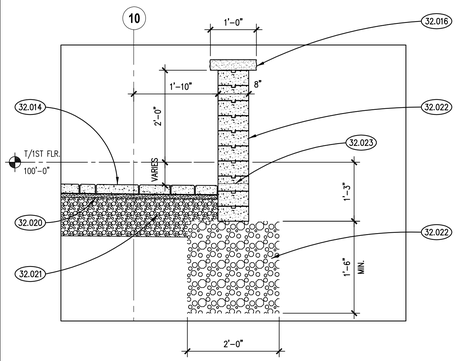
SHEET TITLE
ROOF SECTION DETAILS

SHEET NUMBER
A1200

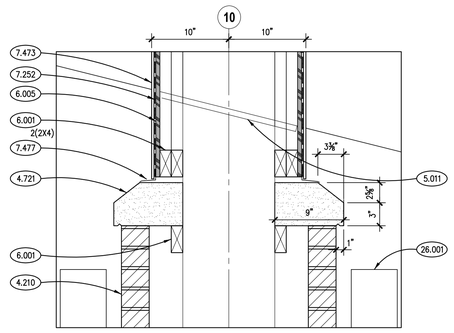
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NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

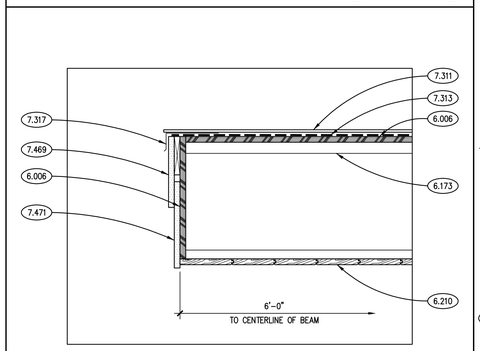
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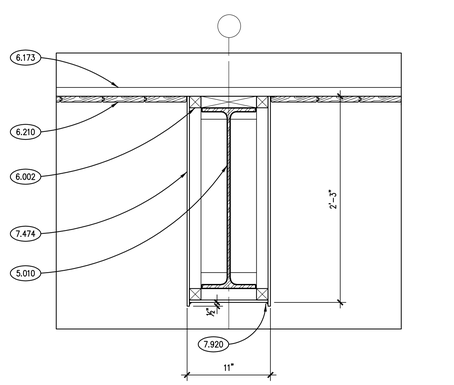
SECTION DETAIL @ GARDEN WALL 2
SCALE: 3/4" = 1'-0"



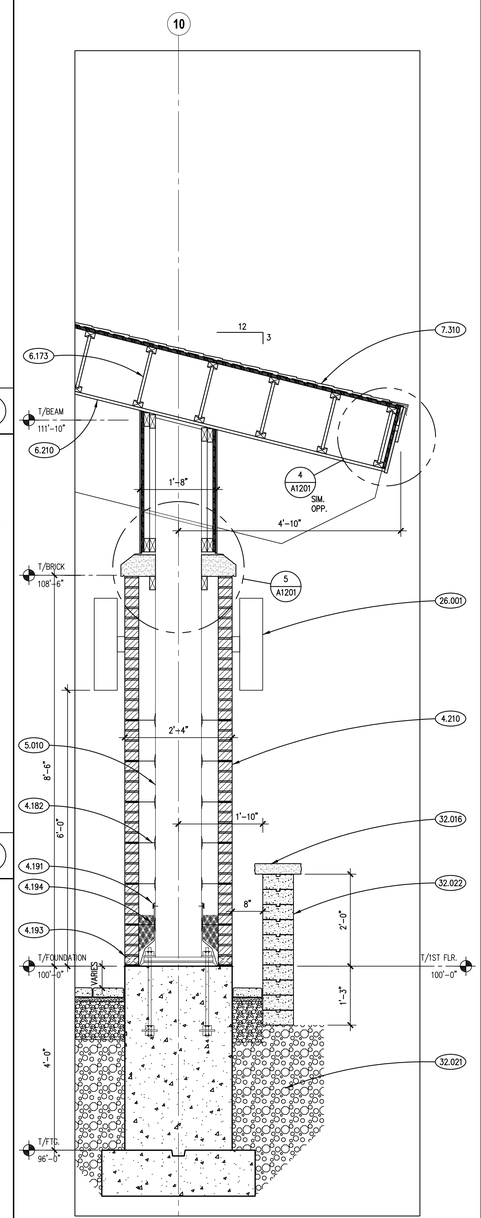
SECTION DETAIL 5
SCALE: 3" = 1'-0"



CANOPY ROOF EDGE DETAIL TYP. 4
SCALE: 3" = 1'-0"



BEAM FUR-OUT DETAIL TYP. 3
SCALE: 3" = 1'-0"



SECTION @ CANOPY COLUMN TYP. 1
SCALE: 3/4" = 1'-0"

KEYNOTES

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4.182 MASONRY ANCHORAGE AND REINFORCEMENT: FLEXIBLE MASONRY TIE.
4.191 MASONRY ACCESSORY: THROUGH-WALL FLASHING; RUBBERIZED ASPHALT SHEET WITH TERMINATION BAR AT TOP AND STAINLESS STEEL DRIP EDGE AT BOTTOM; HOLD BACK RUBBERIZED ASPHALT SHEET AT LEAST 1 INCH FROM EXTERIOR FACE OF WALL.
4.193 MASONRY ACCESSORY: WEEP VENT.
4.194 MASONRY ACCESSORY: MORTAR DROPPING CONTROL DEVICE.
4.210 BRICK MASONRY: MODULAR TYPE; REFER TO SPECIFICATIONS.
4.721 CAST STONE MASONRY: SILL COURSE; SIZE AND CONFIGURATION AS INDICATED; PROVIDE CAST DRIP AT ALL OVERHANG EDGES; SLOPE TOP TO DRAIN AS SHOWN; PROVIDE UNITS WITH FINISHED ENDS AT BUTT-JOINTED CORNERS; RAKE OUT MORTAR AND PROVIDE BOND BREAKER AND JOINT SEALANT AT ALL HEAD AND TOP JOINTS.

5.010 STRUCTURAL STEEL: FRAMING MEMBER; REFER TO STRUCTURAL DRAWINGS.
5.011 STEEL COLUMN SETTING PLATE: REFER TO STRUCTURAL DRAWINGS.

6.001 ROUGH CARPENTRY: WOOD BLOCKING; DIMENSIONAL LUMBER; SIZE AS INDICATED; REFER TO SCHEDULE FOR TREATMENT.
6.002 ROUGH CARPENTRY: WOOD BLOCKING; DIMENSIONAL LUMBER; SIZE AS REQUIRED; REFER TO SCHEDULE FOR TREATMENT.
6.005 ROUGH CARPENTRY: PLYWOOD: 1/2" THICK; REFER TO SPECIFICATIONS FOR TREATMENT.
6.006 ROUGH CARPENTRY: PLYWOOD: 3/4" THICK; REFER TO SPECIFICATIONS.
6.173 WOOD I-JOIST: REFER TO STRUCTURAL DRAWINGS FOR SIZE AND SPACING.
6.210 FINISH CARPENTRY: 1 X 6 TONGUE & GROOVE SOFFIT MATERIALS; REFER TO SPECIFICATIONS.

7.252 WEATHER BARRIER SHEET MEMBRANE: REFER TO SPECIFICATIONS.
7.310 ASPHALT SHINGLE ROOFING SYSTEM: REFER TO SPECIFICATIONS.
7.311 ASPHALT SHINGLES.
7.313 ASPHALT SHINGLES SHEET MATERIAL: UNDERLAYMENT.
7.317 ASPHALT SHINGLES METAL FLASHING: EDGE FLASHING; MATERIAL, THICKNESS AND FINISH AS PECIFIED.
7.469 FIBER CEMENT SIDING: TRIM BOARD; 5/4" X 9-1/4" (ACTUAL); SIMULATED ROUGH-SAWN WOOD GRAIN TEXTURE; COLOR FC2; REFER TO SPECIFICATIONS.
7.471 FIBER CEMENT SIDING: TRIM BOARD; 5/4" X 11-1/4" (ACTUAL); SIMULATED ROUGH-SAWN WOOD GRAIN TEXTURE; COLOR FC2; REFER TO SPECIFICATIONS.
7.473 FIBER CEMENT SIDING: SOFFIT PANELS; COLOR FC2; REFER TO SPECIFICATIONS.
7.474 FIBER CEMENT SIDING: SOFFIT PANELS; USED TO ENCASE STRUCTURAL BEAM MEMBERS AND TO CONCEAL STRUCTURAL BEAM MEMBERS AND TO CREATE FALSE BEAM CONSTRUCTION OVER 2X FRAMING; COLOR FC2; REFER TO SPECIFICATIONS.
7.477 FIBER CEMENT SIDING ACCESSORY: PREFINISHED SHEET METAL FLASHING; SILL FLASHING SET INTO BED OF SEALANT ON UNDERSIDE OF FLASHING. VERTICAL FLASHING LEG SHALL BE 4 INCHES MINIMUM. TUCK FLASHING UNDER WEATHER BARRIER AND TAPE OFF TO FLASHING. TYPICAL.
7.920 JOINT SEALANT: REFER TO SCHEDULE IN SPECIFICATION SECTION 07 92 00; PROVIDE BACKER ROD OR BOND BREAKER.

26.001 LIGHT FIXTURE: EXTERIOR UP-DOWN LIGHT; DIMMABLE. REFER TO ELECTRICAL DRAWINGS.

32.014 PRECAST CONCRETE UNIT PAVERS: PATTERN OF PAVERS AS SPECIFIED. REFER TO SPECIFICATIONS.
32.016 PRECAST CONCRETE DIMENSIONAL STONE: CAP; REFER TO SPECIFICATIONS.
32.020 PRECAST CONCRETE UNIT PAVER SETTING BED; MINIMUM 1.5 INCHES THICK.
32.021 PRECAST CONCRETE UNIT PAVER STONE BASE; MIN. 12 INCHES THICK.
32.022 PRECAST CONCRETE DIMENSIONAL STONE SEAT WALL STONE BASE; MIN. 18 INCHES THICK.
32.023 STONE SEAT WALL ACCESSORY: WEEP HOLE @ 48" O.C.

GENERAL NOTES

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2. PREP, 2 COAT PRIME & PAINT ALL EXPOSED NEW OR EXISTING WOOD TRIM, OVERHEAD DOORS, UNDERSIDE OF ROOF RAFTER TAILS AND TONGUE & GROOVE DECKING SCHEDULED TO REMAIN. TYPICAL AT EXTERIOR SIDE OF THE BUILDING.
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KENDALL COUNTY FOREST PRESERVE DISTRICT
110 W. MADISON STREET
YORKVILLE, IL 60560

ISSUED
01/28/22 BID DOCUMENTS

JOB NO. 19-429-1250
DRAWN PJT
CHECKED CJH
APPROVED CJH

SHEET TITLE
SECTION DETAILS

SHEET NUMBER
A1201

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NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

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GENERAL NOTES

1. BEFORE PROCEEDING WITH ANY WORK WITHIN AND ADJACENT TO THE EXISTING FACILITY, THE CONTRACTOR SHALL FAMILIARIZE THEMSELF WITH THE EXISTING STRUCTURAL AND OTHER CONDITIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL NECESSARY BRACING, SHORING AND OTHER SAFEGUARDS TO MAINTAIN ALL PARTS OF THE EXISTING WORK IN A SAFE CONDITION DURING THE PROCESS OF DEMOLITION AND CONSTRUCTION AND TO PROTECT FROM DAMAGE THOSE PORTIONS OF THE EXISTING WORK WHICH ARE TO REMAIN.

2. THE CONTRACTOR SHALL FIELD VERIFY THE DIMENSIONS, ELEVATIONS, ETC. NECESSARY FOR THE PROPER CONSTRUCTION AND ALIGNMENT OF THE NEW PORTIONS OF THE WORK TO THE EXISTING WORK. THE CONTRACTOR SHALL MAKE ALL MEASUREMENTS NECESSARY FOR FABRICATION AND ERECTION OF STRUCTURAL MEMBERS. ANY DISCREPANCY SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER.

3. CONTRACTOR SHALL PROVIDE PROTECTION FOR ALL SUBGRADES, FOUNDATIONS AND SLABS FROM FROST EFFECTS DURING INCLEMENT WEATHER.

4. CONTRACTOR SHALL COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL, M.E.P., AND VENDOR PREPARED SHOP DRAWINGS AND EXISTING CONDITIONS. SEE ARCHITECTURAL DRAWINGS FOR WORKPOINTS.

5. CONTRACTOR SHALL PROVIDE ALL TEMPORARY SHORING, SHEETING, BRACING ETC. AS REQUIRED TO PROTECT EXCAVATIONS AND EXISTING FOUNDATIONS DURING THE CONSTRUCTION PROCESS. CONTRACTOR SHALL PROVIDE ALL REQUIRED ENGINEERING REQUIRED FOR SUCH SYSTEMS BY AN ILLINOIS LICENSED STRUCTURAL ENGINEER.

6. BACKFILLING OF FOUNDATIONS AND BELOW GRADE WALLS SHALL BE COMPLETED IN SUCH A MANNER TO AVOID OVERTURNING OF THE WALL. PROVIDE ALL TEMPORARY BRACING AS REQUIRED.

7. ALL ARCHITECTURAL AND M.E.P. EQUIPMENT EITHER HUNG OR BEARING UPON FRAMING FOLLOWING INDUSTRY STANDARD, ENGINEERED APPROVED SYSTEMS. THE INDIVIDUAL TRADE CONTRACTOR IS TO PROVIDE ALL SUPPLEMENTAL FRAMING TO CREATE SPAN BETWEEN STRUCTURAL MEMBERS, DIRECTLY HANGING FROM WOOD SHEATHING IN NOT ACCEPTABLE. LOCATION AND MAGNITUDE OF THE APPLIED LOADS ARE TO BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL.

8.REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.

9.REFER TO ARCHITECTURAL DRAWINGS FOR ALL FINISHES (I.E. FLOOR , WALL, CEILING, ETC.)

10. THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ALL CONTRACT DRAWINGS, VENDOR DRAWINGS AND THE SPECIFICATIONS. THE CONTRACTOR SHALL VERIFY THE REQUIREMENTS OF OTHER TRADES FOR LOCATIONS OF SLEEVES, CHASES, HANGERS, INSERTS, ANCHORS, HOLES AND OTHER ITEMS TO BE PLACED OR SET IN THE STRUCTURAL WORK.

11. THE STRUCTURAL DRAWINGS REPRESENT THE FINISHED STRUCTURE. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY GUYING AND BRACING REQUIRED TO ERECT AND HOLD THE STRUCTURE IN ALIGNMENT UNTIL ALL STRUCTURAL WORK AND CONNECTIONS HAVE BEEN COMPLETED. THE INVESTIGATION, DESIGN, SAFETY, ADEQUACY AND INSPECTION OF SUCH GUYING/BRACING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

12. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY TAGGED OR SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO THE APPROVAL OF THE ENGINEER.

STEEL FRAMING NOTES

S 1. ALL STRUCTURAL STEEL SHALL CONFORM TO THE LATEST EDITIONS OF AISC'S "STEEL CONSTRUCTION MANUAL" AND "CODE OF STANDARD PRACTICE FOR STEEL BUILDING AND BRIDGES".

S 2. ALL WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1 USING E70XX ELECTRODES. UNLESS OTHERWISE NOTED, PROVIDE CONT. MIN. SIZED FILLET WELDS PER AISC REQUIREMENTS.

S 3. THE STEEL FABRICATOR AND ERECTOR ARE TO DEVELOP AND IMPLEMENT A QUALITY CONTROL PROGRAM AS SPECIFIED IN AISC 360-10, CHAPTER N. THE STEEL FABRICATOR AND ERECTOR ARE TO PERFORM QUALITY CONTROL INSPECTIONS OF THE STEEL AT THE FABRICATION PLANT AND AT THE PROJECT SITE. REFER TO AISC 360-10, TABLES N5.4-1, N5.4-2, N5.4-3, N5.6-1, N5.6-2, N5.6-3 AND N6.1 FOR MINIMUM INSPECTION REQUIREMENTS.

S 4. STRUCTURAL STEEL ERECTION TO COMPLY WITH OSHA REQUIREMENTS.

S 5. STEEL PROPERTIES:

A. W & WT SHAPES = A992 (Fy = 50 KSI)
B. HSS TUBE SHAPES = A500, GRADE B (Fy = 46 KSI)
C. ANGLES, PLATES, CHANNELS & THREADED RODS = A36 (Fy = 36 KSI)
D. STRUCTURAL BOLTS = 3/4"Ø A325N
E. ANCHOR BOLTS = F1554 GRADE 36 (Fy = 36 KSI)
F. WELDING ELECTRODES = E70XX

S 6. FINISH REQUIREMENTS:

A. TYPICAL CLEANING = SSPC-SP2 OR SSPC-SP3
B. ARCHITECTURALLY EXPOSED CLEANING = SSPC-SP6
C. PAINT = FABRICATOR'S STANDARD. SEE SPECIFICATIONS FOR ADDITIONAL PAINTING REQUIREMENTS.
D. GALVANIZED STEEL = ASTM A123, 1.7 OZ./SQ. FT MIN.
E. TOUCH-UP PRIMER = FABRICATOR'S STANDARD.

S 7. PROVIDE AND INSTALL THE STEEL CRIMPED WIRE TIE REQUIRED TO ANCHOR THE MASONRY WALLS ADJACENT TO THE STEEL FRAMING (BEAMS & COLUMNS). TRAPEZOIDAL WIRE PORTION OF THE ANCHOR WILL BE PROVIDED AND INSTALLED BY THE MASONRY CONTRACTOR.

STEEL FRAMING SYMBOLS & NOMENCLATURE

S a. C1 DENOTES COLUMN. SEE SCHEDULE ON SHEET S321.

WOOD FRAMING NOTES

W1. WOOD FRAMING TO CONFORM TO THE LATEST EDITIONS OF THE NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION.

W2. ALL STRUCTURAL PLYWOOD SHEATHING / DECKING TO MEET THE REQUIREMENTS OF THE "VOLUNTARY PRODUCT STANDARD PS 1-09" BY THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY.

W3. ALL STRUCTURAL PLYWOOD SHEATHING / DECKING TO MEET THE REQUIREMENTS OF "APA PRP-108/ APA PRP-108, FORM B455 - PERFORMANCE STANDARDS AND QUALITY POLICY FOR STRUCTURAL-USE PANELS".

W4. ALL LIGHT GAUGE WOOD CONNECTORS ARE TO BE AS MANUFACTURED BY SIMPSON STRONG-TIE. PROVIDE FASTENER TYPE AND QUANTITY THAT RESULTS IN THE MAXIMUM TABULATED VALUES.

W5. MINIMUM ELEMENT PROPERTIES AS FOLLOWS:

CONVENTIONAL LUMBER	ENGINEERED LUMBER	
SPECIES: SPRUCE PINE FIR NO. 2	SPECIES: LVL	SPECIES: PSL
Fb: 875 PSI	Fb: 2,600 PSI	Fb: 2,900 PSI
Fc⊥: 425 PSI	Fc⊥: 750 PSI	Fc⊥: 750 PSI
Fv: 135 PSI	Fv: 285 PSI	Fv: 290 PSI
E: 1,400,000 PSI	E: 1,900,000 PSI	E: 2,000,000 PSI

W6. ALL PLYWOOD AND OSB SHEATHING FOR ROOFS TO BE APA RATED EXPOSURE 1, STRUCTURAL I. ATTACH SHEATHING TO SUPPORTING MEMBERS USING 10d NAILS @ 6" O.C. AT PANEL EDGES AND 12" O.C. IN FIELD OF PANEL U.N.O. PROVIDE 1/8" GAP BETWEEN ADJACENT PANELS. PROVIDE MINIMUM OF 3 SPAN CONDITION. ORIENT PLYWOOD STRENGTH AXIS OF PLYWOOD PERPENDICULAR TO FRAMING ELEMENTS. STAGGER PANEL END JOINTS.

A. FLAT/LOW SLOPED ROOFS: 'DECK D1': TYPE CDX, 5-PLY 3/4" NOMINAL THICKNESS, SPAN RATING 40/20. PROVIDE "PSCL" CLIPS AT MID-SPAN OF UNSUPPORTED EDGES OF PANELS. PROVIDE FIRE TREATED PLYWOOD WHERE REQUIRED (SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS).
CONTRACTOR OPTION: TYPE OSB, 3/4" NOMINAL THICKNESS, SPAN RATING 40/20.

FOUNDATION & SLAB NOTES

F 1. ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 301, "SPECIFICATION FOR STRUCTURAL CONCRETE BUILDINGS" AND ACI 318, "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE". HOT WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 305. COLD WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 306.

F 2. CONCRETE CONTRACTOR TO COORDINATE ALL DIMENSIONS, ELEVATIONS, SLOPES, ETC. OF ALL CONCRETE SLABS / FOUNDATIONS WITH ARCHITECTURAL DRAWINGS.

F 3. CONCRETE STRENGTHS AS FOLLOWS (28 DAY):

A. FOOTINGS, FOUNDATION WALLS & PIERS= 3,000 PSI

B. SEE SPECIFICATIONS FOR DETAILED CONCRETE MIX DESIGNS.

F 4. REINFORCEMENT:

A. BARS, TIES & STIRRUPS: ASTM A615 GRADE 60, DEFORMED

B. PROVIDE LAP SPLICES IN ACCORDANCE WITH ACI 301.

C. FABRICATE & DETAIL REINFORCING STEEL IN ACCORDANCE WITH CRSI (DA4) MANUAL OF STANDARD PRACTICE .

D. FACTORY MADE WIRE BAR SUPPORTS AND HOLDING BARS SHALL BE PROVIDED FOR ALL REINFORCING STEEL TO ENSURE MINIMUM CONCRETE COVER AND MAINTAIN POSITION DURING CASTING.

E. PROVIDE ADEQUATE AND PROPER SUPPORT OF ALL REINFORCING STEEL AS REQUIRED TO PROVIDE THE COVER REQUIREMENTS NOTED ON THE PROJECT DRAWINGS AND ACI 318.

F. CONCRETE COVER FOR REINFORCEMENT TO BE AS FOLLOWS:

LOCATION / APPLICATION	COVER
FOUNDATION WALL:	2"
FOOTINGS:	3"

F 5. FOUNDATION AND SLAB ELEMENTS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE MINIMUM REQUIRED SAFE ALLOWABLE SOIL BEARING PRESSURE OF 2,000 PSF FOUNDED ON UNDISTURBED OR ENGINEERED FILL AT THE DESIGN ELEVATION NOTED ON THE DRAWINGS. CONTRACTOR SHALL ALERT THE QUALIFIED AND APPROVED TESTING AGENCY TO VERIFY THE SUB-BASE MATERIAL PRIOR TO INSTALLING FORMWORK, REINFORCING STEEL AND CASTING FOUNDATIONS AND SLABS. REMOVE AND REPLACE ANY UNSUITABLE MATERIALS AS DEEMED NECESSARY BY THE PROJECT SOILS REPORT AND TESTING AGENCY.

F 6. CONTRACTOR SHALL PROVIDE ALL TEMPORARY SHORING, SHEETING, BRACING ETC. AS REQUIRED TO PROTECT EXCAVATIONS AND EXISTING FOUNDATIONS DURING THE CONSTRUCTION PROCESS. CONTRACTOR SHALL PROVIDE ALL REQUIRED ENGINEERING REQUIRED FOR SUCH SYSTEMS BY AN ILLINOIS LICENSED STRUCTURAL ENGINEER.

F 7. BACKFILLING OF FOUNDATIONS AND BELOW GRADE WALLS SHALL BE COMPLETED IN SUCH A MANNER TO AVOID OVERTURNING OF THE WALL. PROVIDE ALL TEMPORARY BRACING AS REQUIRED.

F 8. CONTRACTOR SHALL PROVIDE PROTECTION FOR ALL SUBGRADES, FOUNDATIONS AND SLABS FROM FROST EFFECTS DURING INCLEMENT WEATHER.

F 9. ALL BOTTOM OF EXTERIOR FOOTINGS SHALL HAVE A MINIMUM OF 3'-6" GROUND COVER. COORDINATE ALL FINAL GRADE ELEVATIONS WITH ARCHITECTURAL AND CIVIL DRAWINGS.

F 10. ALUMINUM MATERIALS OF ANY TYPE ARE PROHIBITED FROM BEING CAST, EMBEDDED OR IN CONTACT WITH THE CONCRETE WORK.

F 11. CONCRETE CONTRACTOR TO COORDINATE WITH M.E.P. CONTRACTORS FOR ANY REQUIRED FOUNDATION DEPRESSIONS, OPENINGS, KNOCK-OUTS, FLOOR DRAINS, INSERTS, ETC.

F 12. ACCEPTABLE INJECTION EPOXY ADHESIVE PRODUCTS INCLUDE THE FOLLOWING:

a. HILTI HIT-RE500-SD INJECTION ADHESIVE SYSTEM.
b. SIMPSON STRONG-TIE SET-XP HIGH-STRENGTH ANCHORING ADHESIVE SYSTEM.
c. POWERS FASTENERS PE 1000+ EPOXY INJECTION ADHESIVE ANCHORING SYSTEM.

FOUNDATION & SLAB SYMBOLS & NOMENCLATURE

F a. SF5.0 DENOTES SPREAD FOOTING. SEE SCHEDULE ON SHEET S311.

F b. (96'-0") DENOTES TOP OF FOOTING ELEVATION. ALL FOOTINGS NOT SPECIFICALLY TAGGED SHALL HAVE A TOP OF FOOTING ELEVATION OF 96'-0".

TESTING AND INSPECTION

GENERAL

1. THE APPROVED TESTING AGENCY SHALL BE RETAINED BY THE CONTRACTOR.
2. THE APPROVED TESTING AGENCY SHALL BE THE "SPECIAL INSPECTOR" REFERRED TO IN OF THE INTERNATIONAL BUILDING CODE (IBC), CHAPTER 17 "STRUCTURAL TESTS AND SPECIAL INSPECTIONS."
3. REFER TO CHAPTER 17 OF THE 2018 INTERNATIONAL BUILDING CODE FOR DEFINITION OF TERMS.
4. THE TESTING AGENCY SHALL SUBMIT TO THE ENGINEER OF RECORD ONE (1) COPIES OF WEEKLY REPORTS OF THE TEST AND INSPECTIONS CONDUCTED DURING THE WEEK. THE REPORTS SHALL STATE IF THE TESTS AND INSPECTIONS MET THE PROJECT REQUIREMENTS AND, IF NOT, WHAT FOLLOW-UP TESTS OR INSPECTIONS WILL BE MADE.
4. THE TESTING AGENCY SHALL NOTIFY GENERAL CONTRACTOR IMMEDIATELY IF ANY OF THE SCHEDULED TESTS FAIL IN ORDER TO AVOID PROJECT DELAYS.
5. AT THE END OF THE PROJECT, THE TESTING AGENCY SHALL SUBMIT TWO (2) COPIES OF A SUMMARY REPORT OF ALL TESTS AND INSPECTIONS MADE TO THE ENGINEER OF RECORD AND ONE COPY OF ALL TESTS AND INSPECTIONS MADE TO THE BUILDING OFFICIAL AND THE OWNER. THE SUMMARY REPORT SHALL STATE THAT THE TESTS AND INSPECTIONS MET THE PROJECT REQUIREMENTS. ANY TEST OR INSPECTIONS THAT FAILED TO MEET PROJECT REQUIREMENTS SHALL BE NOTED. SUBMIT COPIES OF CORRESPONDENCE SHOWING ACCEPTANCE OR REJECTION OF THE MATERIAL OR WORKMANSHIP THAT FAILED TESTS OR INSPECTIONS.
6. SEE SPECIFICATION SECTION 1400 "QUALITY REQUIREMENTS" FOR ADDITIONAL INFORMATION.

FOUNDATION INSPECTION

1. ALL FOUNDATION EXCAVATIONS SHALL BE OBSERVED AND TESTED BY A REPRESENTATIVE OF A QUALIFIED GEOTECHNICAL ENGINEERING FIRM. DAILY REPORTS OF OBSERVATIONS SHALL BE PREPARED.
2. PROVIDE CONTINUOUS INSPECTION FOR THE FOLLOWING:
   A. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF CONTROLLED FILL.
   B. BACKFILL MATERIALS
3. PROVIDE PERIODIC INSPECTION FOR THE FOLLOWING:
   A. VERIFY MATERIALS BELOW FOOTINGS AS ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.
   B. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.
   C. PERFORM CLASSIFICATION AND TESTING OF CONTROLLED FILL MATERIALS.
   D. PRIOR TO PLACEMENT OF CONTROLLED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.

REINFORCED CONCRETE INSPECTION

1. PROVIDE CONTINUOUS INSPECTION FOR THE FOLLOWING:
   A. BOLTS TO BE INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE PER IBC REFERENCE 1908.5.
   B. SAMPLING OF FRESH CONCRETE FOR SLUMP, AIR CONTENT AND TEMPERATURE AT THE TIME OF MAKING SPECIMENS FOR STRENGTH TESTS PER ACI 318, CHAPTERS 5.6, 5.8.
   C. CONCRETE PLACEMENT PER ACI 318, CHAPTERS 5.9, 5.10.
2. PROVIDE PERIODIC INSPECTIONS FOR THE FOLLOWING FOR CONFORMANCE TO ACI 318:
   A. REINFORCING STEEL PLACEMENT PER ACI 318, CHAPTERS 3.5, 7.1-7.7.
   B. VERIFY USE OF REQUIRED MIX DESIGN PER ACI 318, CHAPTERS 4, 5.2-5.4.
   C. MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES PER ACI 318, CHAPTERS 5.11-5.13.
   D. POST INSTALLED ANCHORS (EPOXY AND EXPANSION ANCHORS).
3. FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS PER ACI 318, CHAPTER 6.1.1.

STRUCTURAL STEEL CONSTRUCTION

1. THE TESTING AGENCY SHALL PERFORM QUALITY ASSURANCE INSPECTIONS AND NONDESTRUCTIVE TESTING AS SPECIFIED IN AISC 360-10, CHAPTER N.
2. WELDING INSPECTIONS PER AISC 360-10, CHAPTER N5, TABLES N5.4-1, N5.4-2, N5.4-3 INCLUDING (BUT NOT LIMITED TO) THE FOLLOWING:
   A. SIZE, LENGTH AND LOCATION OF ALL WELDS.
   B. VISUAL INSPECTIONS OF ALL WELDS FOR CRACK PROHIBITION, WELD/BASE METAL FUSION, CRATER CROSS SECTION, WELD PROFILES, WELD SIZE, UNDERCUT, POROSITY.
3. BOLTING INSPECTIONS PER AISC 360-10, CHAPTER N5, TABLES N5.6-1, N5.6-2, N5.6-3 INCLUDING (BUT NOT LIMITED TO) THE FOLLOWING:
   A. FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS.
   B. PROPER FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE EXCLUDED FROM SHEAR PLANE).
   C. PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL.
   D. CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS.
   E. FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES.
4. NON-DESTRUCTIVE TESTING OF WELDED JOINTS:
   A. NOT REQUIRED

CODE AND LOADING

A. DESIGN REQUIREMENTS AND STRUCTURAL LOADS ARE TO BE IN ACCORDANCE WITH THE 2018 INTERNATIONAL BUILDING CODE AND ANY CITY/VILLAGE AMENDMENTS.

B. LOADING CRITERIA:

1. OCCUPANCY GROUP: U
2. RISK CATEGORY: I
3. ROOF LOADS:
   a. GROUND SNOW LOAD (P_g) = 25 PSF
   b. FLAT-ROOF SNOW LOAD (P_f) = 20 PSF
   c. SNOW EXPOSURE FACTOR (C_e) = 1.0
   d. SNOW IMPORTANCE FACTOR (I_s) = 1.0
   e. THERMAL FACTOR (C_t) = 1.0
5. WIND LOADS:
   d. ULTIMATE DESIGN WIND SPEED (V_{ult}) = 115 MPH
   e. NOMINAL DESIGN WIND SPEED (V_{asd}) = 90 MPH
   f. EXPOSURE CATEGORY = B
   g. ENCLOSURE CLASSIFICATION = OPEN
   h. MWFRS = 20 PSF
   i. COMPONENTS AND CLADDING = 25 PSF
   j. ROOFTOP STRUCTURES & EQUIPMENT = 35 PSF
6. SEISMIC CRITERIA:
   a. IMPORTANCE FACTOR (I) = 1.0
   b. MAPPED SPECTRAL RESPONSE (S_s & S_1) = 14.3%g & 6.8%g
   c. SPECTRAL RESPONSE COEF. (S_{DS} & S_{D1}) = .153 & .109
   d. DESIGN CATEGORY = A
   e. SITE CLASS = D
   f. BASIC RESISTING SYSTEM= STEEL SYSTEM NOT SPECIFICALLY DETAILED, Rw=3.0
   g. RESPONSE COEFFICIENT (Cs) = 0.052W
   h. ANALYSIS PROCEDURE = EQUIVALENT LATERAL FORCE
   i. NON-STRUCTURAL ARCH., MECHANICAL AND ELECTRICAL COMPONENTS = EXEMPT
7. STRUCTURALLY SUPPORTED EQUIPMENT:
   a. NA.

DRAFTING LEGEND

PIER DETAIL LETTER / SHEET NUMBER — A / S402		STEEL
ELEVATION NUMBER / SHEET NUMBER — 2 / S710		EARTH
SECTION NUMBER / SHEET NUMBER — 1 / S510		CONCRETE
LOCATION ELEVATION — 1ST FLR. 100'-0"		INSULATION RIGID
SPOT ELEVATION — T/SLAB 100'-0" + B/LINTEL 110'-0" +		FOUNDATION DEPRESSION
MASONRY WALL TAG — WALL 1		GROUTED SOLID MASONRY UNIT (PLAN VIEW)
MASONRY SHEAR WALL TAG — SWALL A		GROUTED SOLID MASONRY UNIT (SECTION VIEW)
W_x___ (E) — EXISTING STEEL ELEMENT		
MASONRY PIER TAG — PIER A		ASPHALT PAVEMENT
MASONRY CONTROL JOINT		SLAB ELEVATION CHANGE
SPREAD FOOTING TAG — SF6.0		ROOF/FLOOR FRAME FOR FRAMED OPENING (NO DECK /SLAB)
EXISTING SPREAD FOOTING TAG — SF6.0 (E)		
KEYNOTE IDENTIFICATION — 0.000		ROOF/FLOOR FRAME FOR OPENING W/ PIPING/CONDUITS REQ'D TO BE SLEEVED AND FIRE CAULKED
CONTINUOUS SOLID BLOCKING		NOT CONTINUOUS SOLID BLOCKING, REFER TO DETAILS

STANDARD ABBREVIATIONS

@ – AT	EW – EACH WAY	OA – OVERALL	T/F – TOP OF FOUNDATION
A B – ANCHOR BOLT	EXIST OR (E) – EXISTING	OC – ON CENTER	T/S – TOP OF SLAB
ADD'L – ADDITIONAL	EXP – EXPANSION	OD – OUTSIDE DIAMETER	T/STL – TOP OF STEEL
ADJ – ADJACENT	FD – FLOOR DRAIN	OF – OUTSIDE FACE	T/W – TOP OF WALL
ADJT – ADJUSTABLE	FDN – FOUNDATION	OPN'G – OPENING	TYP – TYPICAL
ALT – ALTERNATE	FLR – FLOOR	O.H. – OPPOSITE HAND	UNO – UNLESS NOTED OTHERWISE
ANCH – ANCHOR	FTG – FOOTING	PSF – POUNDS PER SQUARE FOOT	VERT – VERTICAL
APPROX – APPROXIMATE	GA – GAUGE	PSI – POUNDS PER SQUARE INCH	W/ – WITH
ASPH – ASPHALT	GALV – GALVANIZED	PL – PLATE	W/O – WITHOUT
BLDG – BUILDING	GC – GENERAL CONTRACTOR	PLYWD – PLYWOOD	WD – WOOD
BM – BEAM	HP – HIGH POINT	R OR RAD– RADIUS	WGT – WEIGHT
BRG – BEARING	HORIZ – HORIZONTAL	RD – ROOF DRAIN	WWF – WELDED WIRE FABRIC
BTM – BOTTOM	IN – INCH	RH – RIGHT HAND	
BTW'N – BETWEEN	ID – INSIDE DIAMETER	REF – REFERANCE	
CJ – CONSTRUCTION JOINT	JT – JOINT	REINF – REINFORCING	
CJ – CONTRACTION JOINT	LP – LOW POINT	REQ'D – REQUIRED	
CMU – CONCRETE MASONRY UNIT	LW – LIGHTWEIGHT	SF – SQUARE FOOT	
COL – COLUMN	LL – LIVE LOAD	SS – STAINLESS STEEL	
COMPT'D – COMPACTED	LLH – LONG LEG HORIZONTAL	SCHED – SCHEDULE	
CONC – CONCRETE	LLV – LONG LEG VERTICAL	SEC – SECTION	
CONT – CONTINUOUS	MO – MASONRY OPENING	SHT – SHEET	
CONTR – CONTRACT (OR)	MAS'Y – MASONRY	SIM – SIMILAR	
DIA – DIAMETER	MAX – MAXIMUM	SOG – SLAB ON GRADE	
DIM – DIMENSION	MECH – MECHANICAL	SPEC – SPECIFICATION(S)	
DN – DOWN	MFR – MANUFACTURER	SPC'G – SPACING	
DWG'S – DRAWINGS	MIN – MINIMUM	STD – STANDARD	
DTL – DETAIL	MISC – MISCELLANEOUS	STL – STEEL	
EA – EACH	MTL – METAL	SYM – SYMMETRICAL	
EL – ELEVATION	NOM – NOMINAL	T&G – TONGUE AND GROOVE	
EMBED – EMBEDMENT	NTS – NOT TO SCALE	T/B – TOP OF BEAM	
EQ – EQUAL	NO – NUMBER	T/C – TOP OF CURB	

THE MATERIALS, ABBREVIATIONS, AND DRAFTING SYMBOLS LEGEND ARE EACH AN ALL INCLUSIVE MASTER LIST USED BY THIS FIRM. THE INCLUSION OF THESE LEGENDS INTO THESE DOCUMENTS DOES NOT IMPLY THAT ALL THE SYMBOLS OR MATERIALS INCLUDED IN THESE LEGENDS ARE INCORPORATED INTO THIS PROJECT.

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JOB NO. 19-429-1250
DRAWN VAD
CHECKED JMB
APPROVED JMB

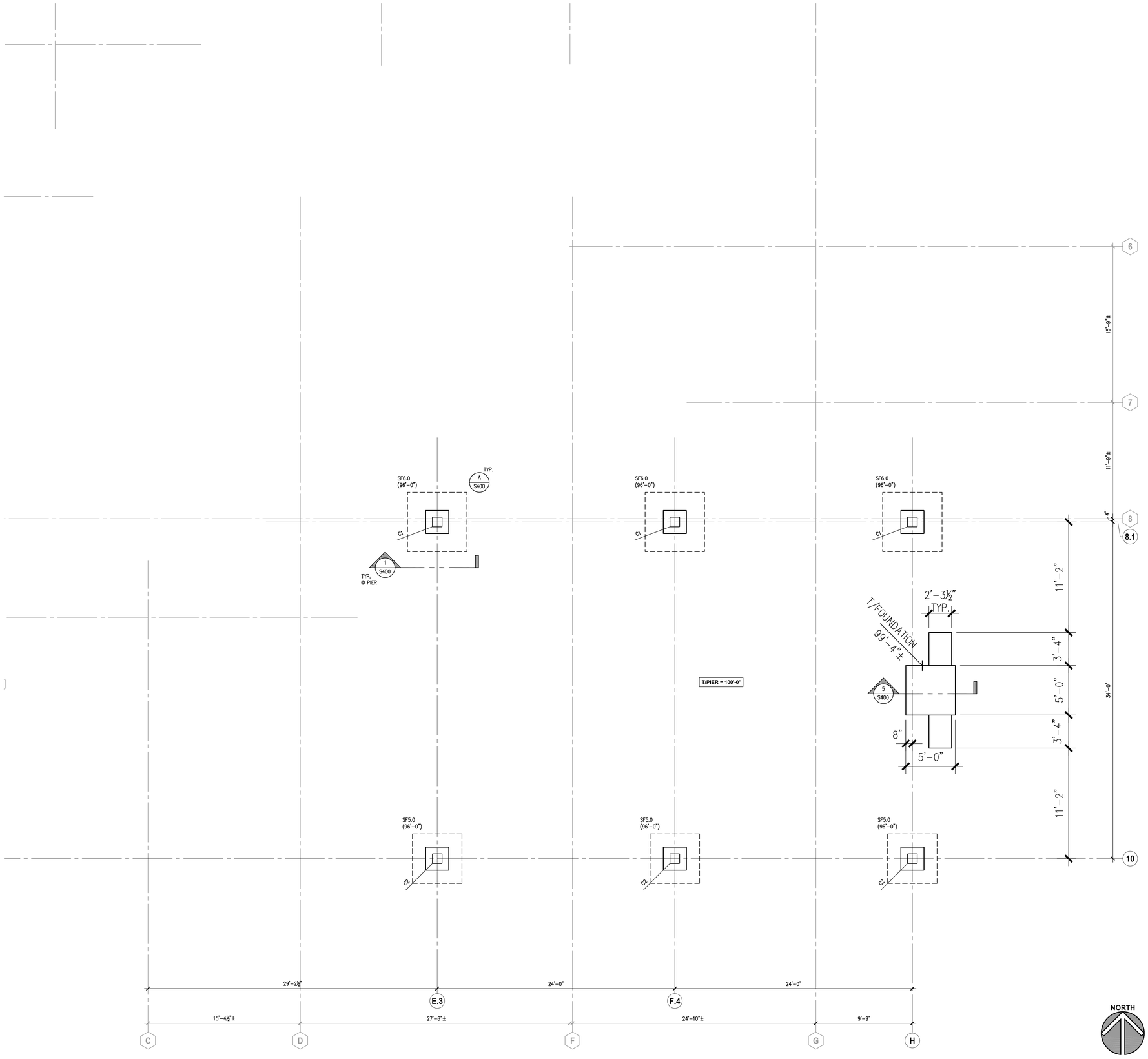
SHEET TITLE
GENERAL NOTES CODE & LOADING, TESTING & INSPECTIONS, ABBREVIATIONS

SHEET NUMBER
S010

NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

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CANOPY FOUNDATION PLAN (1)

SCALE: 1/4" = 1'-0"

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

SPREAD FOOTING SCHEDULE

F brg.= 2,000 PSF
f'c= 3,000 PSI
fy= 60,000 PSI

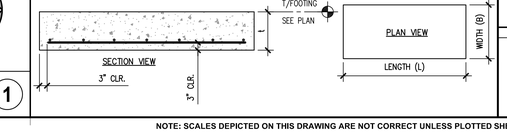
MARK	DIMENSIONS			REINFORCING STEEL				SPECIAL COMMENTS
	LENGTH (L)	WIDTH (B)	THICK (t)	BOTTOM LENGTH (L)	BOTTOM WIDTH (B)	TOP LENGTH (L)	TOP WIDTH (B)	
SF5.0	5'-0"	5'-0"	1'-0"	(5)-#6	(5)-#6	NO	NO	
SF6.0	6'-0"	6'-0"	1'-4"	(6)-#6	(6)-#6	NO	NO	

SPREAD FOOTING NOTES AND DETAILS

NOTES:

1. SEE PLAN FOR FOOTING LOCATIONS.
2. FOOTINGS TO BEAR ON UNDISTURBED SOILS/ENGINEERED FILL ASSUMED TO BE AT THE DESIGN ELEVATIONS NOTED ON THE PLANS.
3. CONTRACTOR TO HAVE A QUALIFIED SOIL TESTING AGENCY CONFIRM THE SOIL AT THE BASE OF THE FOOTING EXCAVATIONS PRIOR TO INSTALLING FORMWORK, REINFORCING STEEL AND CASTING THE CONCRETE. ALL UNSUITABLE MATERIALS TO BE REMOVED AND REPLACED WITH APPROVED MATERIALS BY THE TESTING AGENCY.
4. CENTERLINE OF FOOTING TO BE CENTERED ON COLUMNS, PIERS AND WALLS U.N.O. ON PLAN.

DETAILS:



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JOB NO.	19-429-1250
DRAWN	VAD
CHECKED	JMB
APPROVED	JMB

SHEET TITLE

CANOPY FOUNDATION PLAN

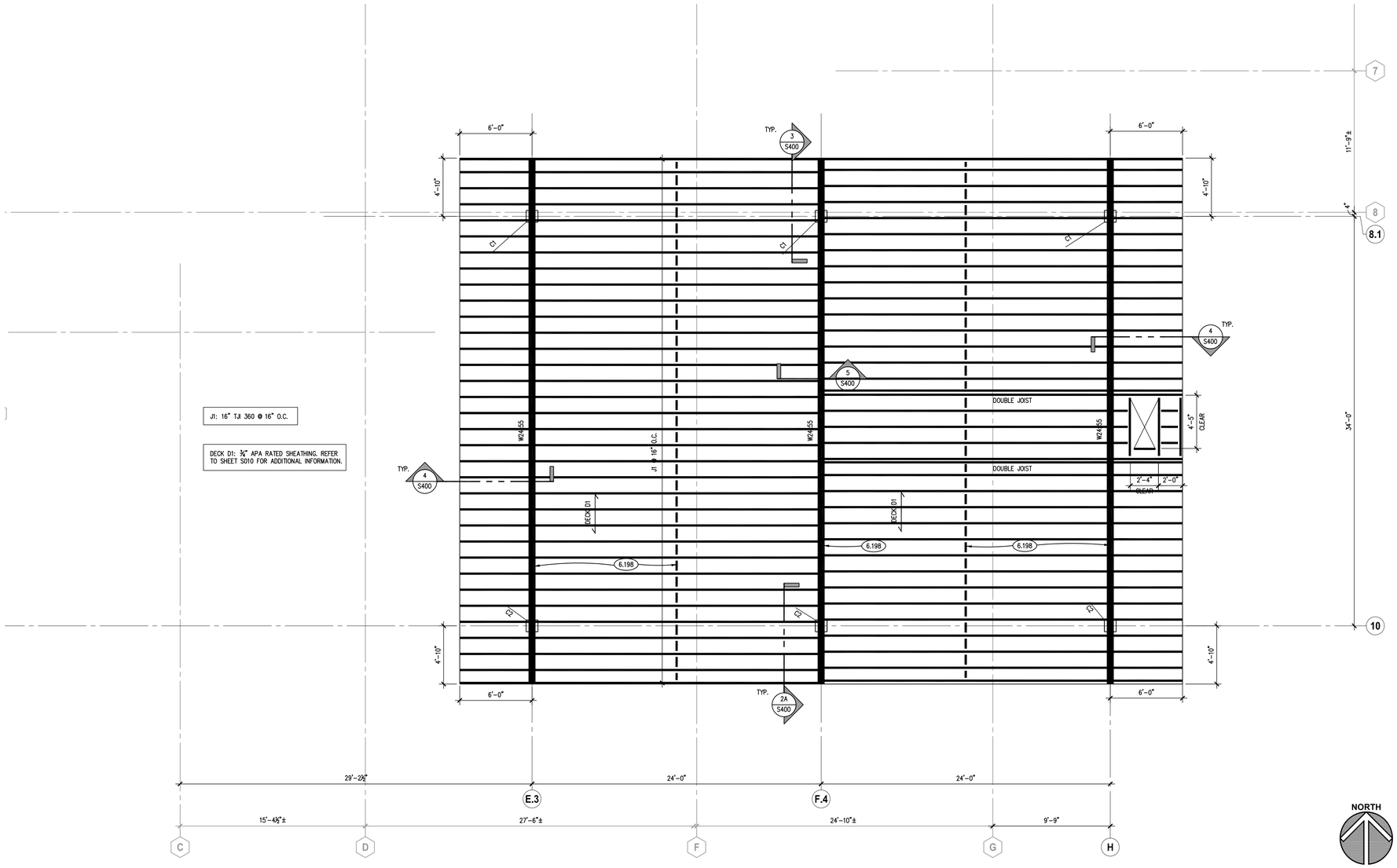
SHEET NUMBER

S311

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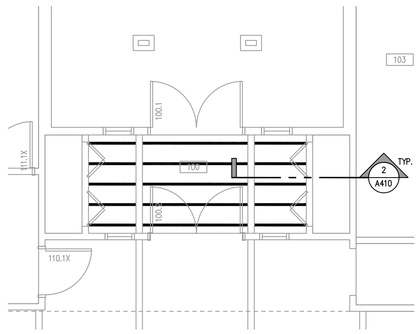
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CANOPY FRAMING PLAN (1)

SCALE: 1/4" = 1'-0"



SEE SHEET A410 FOR ADDITIONAL INFORMATION.

CEILING FRAMING PLAN (2)

SCALE: 1/4" = 1'-0"

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

6.198 OOD FRAMING: SOLID "I" JOIST BLOCKING BETWEEN JOIST. ATTACH USING (3)-16d NAILS @ EACH END. PROVIDE BLOCKING AT MIDSPAN AND AT SUPPORT OVER STEEL BEAM.

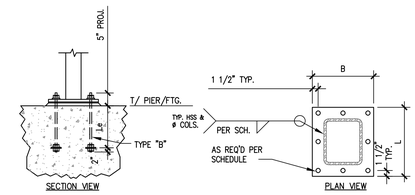
COLUMN SCHEDULE, NOTES AND DETAILS

MARK	ELEMENT SIZE	BASEPLATE				ANCHOR ROD				REMARKS
		THICK (t)	WIDTH (B)	LENGTH (L)	WELD	DIA.	TYPE	QTY.	Le	
C1	HSS12x12x1/2	1 1/4"	1'-6"	1'-6"	5/16"	3/4"	B	8	24"	GALV.
C2	HSS12x12x1/4	1 1/4"	1'-6"	1'-6"	5/16"	3/4"	B	8	24"	GALV.

NOTES:

1. SEE PLAN FOR COLUMN LOCATIONS.
2. MATERIAL PROPERTIES:
   a. PLATES=ASTM A36
   b. HSS SHAPES=ASTM A500, GRADE B (Fy=46 KSI)
   c. ANCHOR RODS; TYPE B=A36, FULLY THREADED; TYPE AS NOTED
   d. WELDING ELECTRODES=E70xx
   e. ALL ANCHOR RODS, NUTS, WASHERS AND PLATES TO BE GALVANIZED.
3. PROVIDE MASONRY ANCHORS @ 16" O.C. VERTICALLY ON ALL FACES OF COLUMNS ADJACENT TO MASONRY CONSTRUCTION. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS.
4. ANCHOR ROD TYPE "B" REQUIRES 3/8"x3"x3" WASHER PLATES AT BOTTOM.
5. MINIMUM OF (4)-ANCHOR RODS ARE REQUIRED AT EACH COLUMN AND LOCATED AT EACH CORNER U.N.O. ANCHOR ROD QUANTITIES GREATER THAN (4) ARE TO BE PLACED BETWEEN THE CORNER BOLTS AS NOTED.
6. 1/4" SETTING PLATE IS REQUIRED AT ALL LOCATIONS U.N.O. SETTING PLATE TO MATCH BASEPLATE FOOTPRINT.
7. BOTTOM OF BASEPLATE TO BE 1" (3/4" GROUT BED + 1/4" SETTING PLATE) ABOVE TOP OF PIER/FOOTING U.N.O.

DETAILS:



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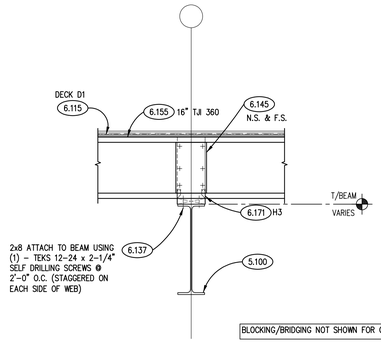
SHEET TITLE
CANOPY FRAMING PLAN

SHEET NUMBER
S321

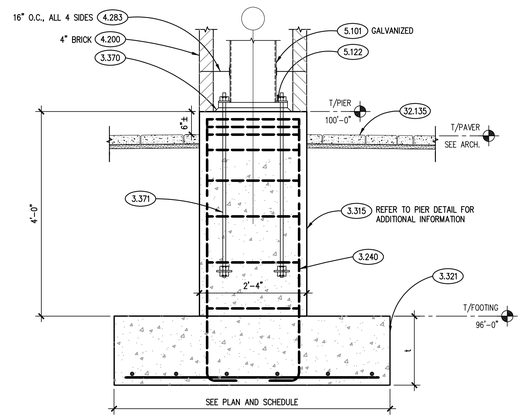
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SECTION (5)
SCALE: 3/4"= 1'-0"



SECTION (1)
SCALE: 3/4"= 1'-0"

KEYNOTES

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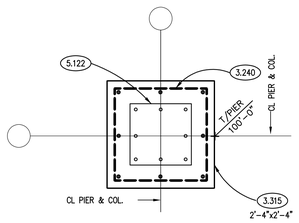
3.240 CONCRETE REINFORCING: #5 VERTICAL BARS HOOKED INTO FOOTING (QUANTITY AS DEPICTED) AND #4 TIES @ FOLLOWING SPACING...(3) @ 2", (1) @ 4", R @ 12" U.N.O. PIER DIMENSIONS AS NOTED.
3.310 CAST-IN-PLACE CONCRETE: FOUNDATION WALL. REFER TO PLAN, DETAILS AND SPECIFICATIONS FOR THICKNESS, REINFORCING, MIX TYPE AND FINISH.
3.315 CAST-IN-PLACE CONCRETE: CONCRETE PIER. REFER TO PLAN AND DETAILS FOR REQUIRED REINFORCING. REFER TO SPECIFICATIONS FOR MIX TYPE AND FINISH.
3.321 CAST-IN-PLACE CONCRETE: SPREAD FOOTING. REFER TO PLAN, SCHEDULE AND SPECIFICATIONS FOR THICKNESS, SIZE, REINFORCING AND MIX TYPE.
3.370 CAST-IN-PLACE CONCRETE MISCELLANEOUS: 3/4" SETTING PLATE GROUT. REFER TO SPECIFICATIONS.
3.371 CAST-IN-PLACE CONCRETE MISCELLANEOUS: ANCHOR RODS (INSTALLED ONLY).

4.200 UNIT MASONRY: REFER TO PLANS, SCHEDULES, ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR DETAILED INFORMATION INCLUDING BLOCK SIZE, COURSING AND FACE BRICK/STONE.
4.283 MASONRY ANCHORAGE AND REINFORCEMENT: MASONRY VENEER TIE.

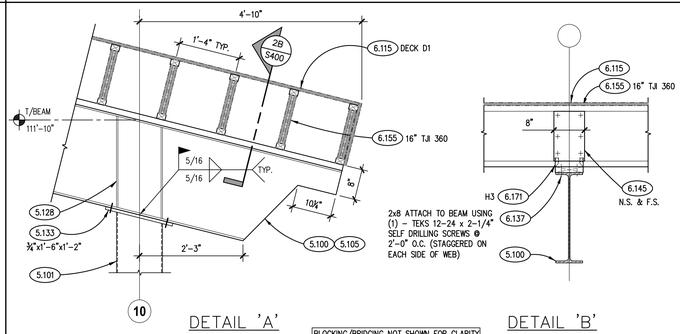
5.100 STRUCTURAL STEEL: STEEL BEAM. REFER TO PLAN.
5.101 STRUCTURAL STEEL: STEEL COLUMN. REFER TO PLAN AND SCHEDULE.
5.105 STRUCTURAL STEEL: COPE STEEL MEMBER TO MATCH OVERHANG GEOMETRY.
5.122 STRUCTURAL STEEL: BASEPLATE & SETTING PLATE. REFER TO COLUMN SCHEDULE.
5.128 STRUCTURAL STEEL: 3/8" STIFFENER PLATE NEAR SIDE AND FAR SIDE.
5.133 STRUCTURAL STEEL: CAP PLATE WITH (4)-3/4"ø A325 BOLTS. SIZE AS NOTED.

6.115 WOOD FRAMING: APA RATED SHEATHING. SEE PLAN, SCHEDULE AND DETAILS FOR TYPE, THICKNESS AND ATTACHMENT REQUIREMENTS.
6.137 WOOD FRAMING: CONTINUOUS SINGLE TOP PLATE.
6.145 WOOD FRAMING: FULL DEPTH PLYWOOD BLOCKING IN JOIST WEB TO ACCOMODATE CONNECTOR. NAIL INTO PLACE WITH (6)-6d NAILS. WIDTH OF BLOCKING TO BE 8" U.N.O.
6.155 WOOD FRAMING: ENGINEERED WOOD I JOIST. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. SEE PLAN.
6.171 WOOD FRAMING ACCESSORY: LIGHT GAUGE WOOD CONSTRUCTION CONNECTOR AS NOTED MANUFACTURED BY SIMPSON STRONG-TIE OR EQUAL. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE NAIL TYPE AND QUANTITIES RESULTING IN THE MAXIMUM TABULATED CAPACITIES.

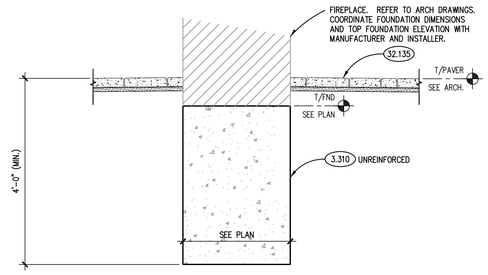
32.135 CONCRETE PAVERS; REFER TO ARCH DRAWINGS AND SPECIFICATIONS.



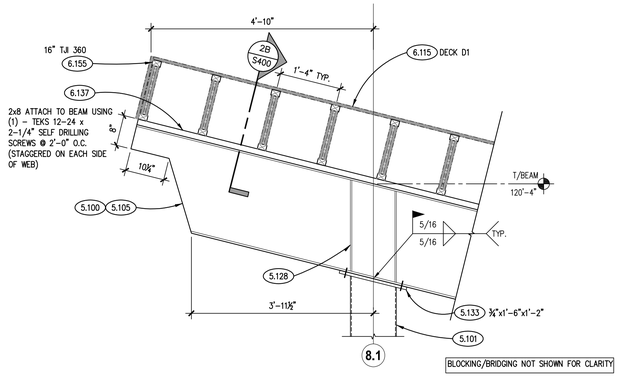
PIER DETAIL (A)
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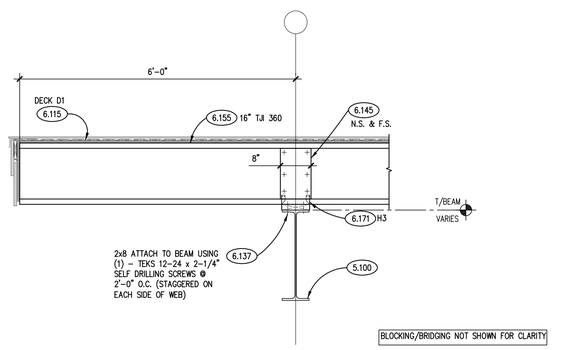
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SCALE: 3/4"= 1'-0"



SECTION (5)
SCALE: 3/4"= 1'-0"



SECTION (3)
SCALE: 3/4"= 1'-0"



SECTION (4)
SCALE: 3/4"= 1'-0"

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KENDALL COUNTY FOREST PRESERVE DISTRICT
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YORKVILLE, IL 60560

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APPROVED	JMB

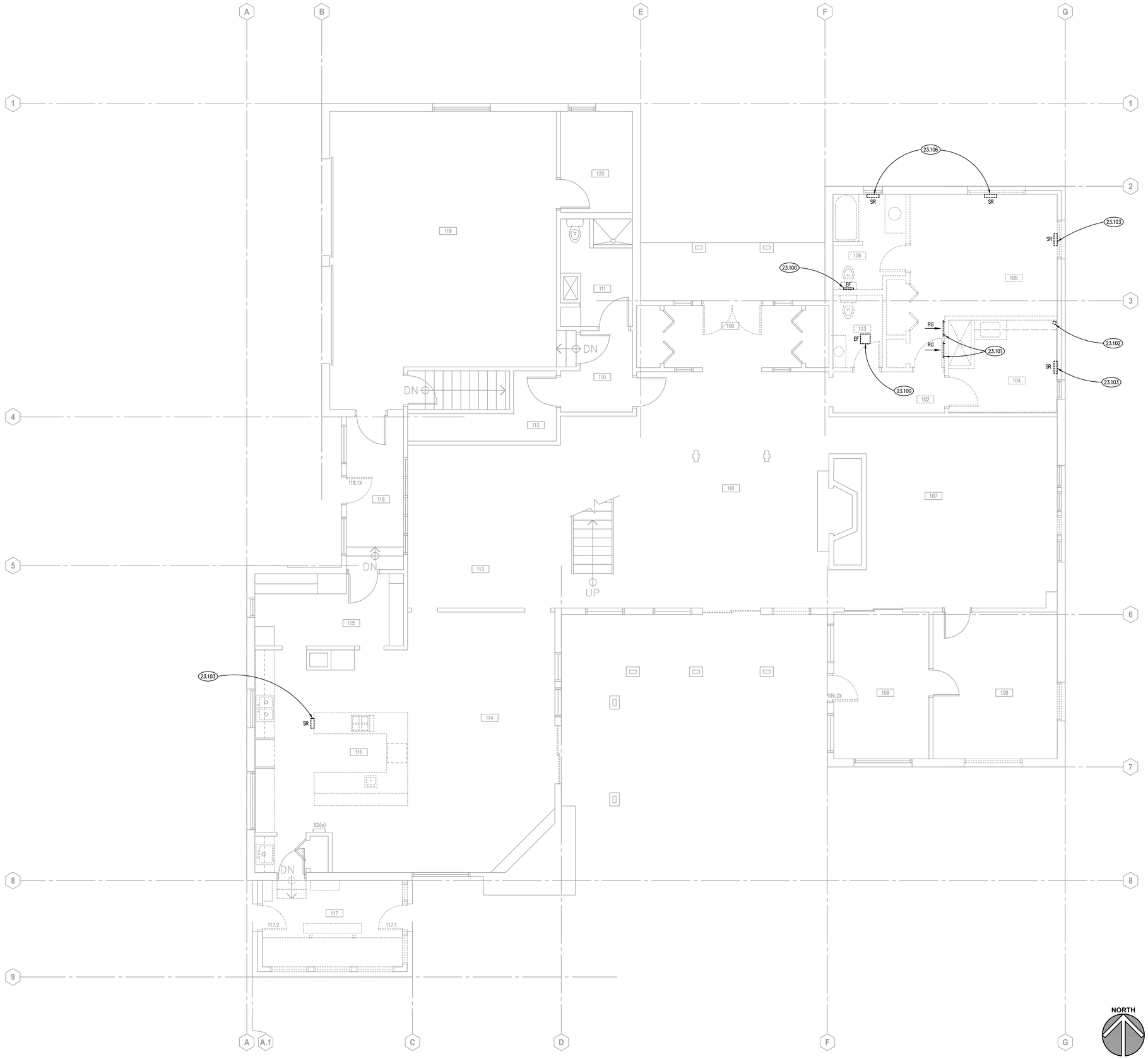
SHEET TITLE
FOUNDATION, FRAMING SECTIONS & DETAILS

SHEET NUMBER
S400

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NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

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KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

23.100 REMOVE EXHAUST FAN. FIELD VERIFY DUCT ROUTING AND REMOVE ALL EXHAUST DUCTWORK BACK TO ROOF/WALL TERMINATION. PROVIDE PERMANENT INSULATED CAP ON EXHAUST TERMINATION.
23.101 REMOVE RETURN GRILLE BETWEEN OPEN STUDS. PROVIDE PERMANENT CAP ON RETURN DUCT MATCHING EXISTING.
23.102 REMOVE ABANDONED DRYER EXHAUST VENT IN ITS ENTIRETY.
23.103 REMOVE SUPPLY REGISTER. REMOVE DUCT BACK AS REQUIRED FOR NEW REGISTER LOCATION. REFER TO NEW WORK PLANS FOR NEW LOCATION. REFER TO ARCHITECTURAL PLANS FOR PATCHING FLOOR.
23.106 REMOVE SUPPLY REGISTER. PROVIDE TEMPORARY CAP ON DUCT FOR NEW CONNECTION.

ROOM SCHEDULE

RM. NO.	ROOM NAME	RM. NO.	ROOM NAME
105	EXISTING BEDROOM		
106	EXISTING BATHROOM		
107	EXISTING LIVING ROOM		
108	EXISTING STORAGE		
109	EXISTING STORAGE		
110	EXISTING CORRIDOR		
111	EXISTING BATHROOM		
112	EXISTING JANITOR'S CLOSET		
113	EXISTING DINING ROOM		
114	EXISTING KEEPING ROOM		
115	EXISTING PANTRY		
116	EXISTING KITCHENETTE		
117	EXISTING VESTIBULE		
118	EXISTING FOYER		
119	EXISTING GARAGE		
120	EXISTING STORAGE		

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. ALL PIPING, DUCTWORK AND RACEWAYS ARE SHOWN DIAGRAMMATICALLY AND DO NOT SHOW ALL REQUIRED FITTINGS, OFFSETS, DROPS AND RISES. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL MATERIAL AND LABOR FOR A COMPLETE AND WORKING SYSTEM. COORDINATE WITH OTHER TRADES FOR SPACE AVAILABLE AND RELATIVE LOCATIONS OF EQUIPMENT, PIPING, DUCTWORK, ETC.
3. EXISTING PIPING, DUCTWORK AND RACEWAYS INDICATED ON THESE PLANS SHALL BE FIELD VERIFIED FOR EXACT LOCATIONS, QUANTITY AND SIZES.
4. ALL TAPES AND MASTICS USED TO SEAL DUCTWORK LISTED AND LABELED IN ACCORDANCE WITH UL 181A SHALL BE MARKED ACCORDINGLY. ALL TAPES AND MASTICS USED TO SEAL FLEXIBLE DUCTS AND AIR CONNECTORS SHALL COMPLY WITH UL 181B AND MARKED ACCORDINGLY.
5. THERMOSTATIC CONTROLS OF EQUIPMENT SHALL HAVE A 5° F DEADBAND.
6. GENERALLY, SMALL DIAMETER PIPE RUNS FROM DRIPS, CONDENSATE PANS AND OTHER SERVICES ARE NOT SHOWN BUT MUST BE PROVIDED. CONDENSATE DRAINS SHALL BE CONFIGURED WITH FITTINGS AND/OR UNIONS TO PERMIT CLEARING OF BLOCKAGES AND PERFORMANCE OF MAINTENANCE WITHOUT CUTTING OF THE LINES.
7. SPACE ALLOCATION, COORDINATION WITH ELECTRICAL, ARCHITECTURAL & OTHER MECHANICAL COMPONENTS HAVE BEEN MADE WITH RESPECT TO ALL EQUIPMENT SCHEDULED ON THESE DRAWINGS AND IN THE SPECIFICATIONS OF THE FIRST NAMED MANUFACTURER ONLY. OTHER MANUFACTURERS ARE ACCEPTABLE PROVIDED THEY MEET PERFORMANCE REQUIREMENTS AND AFOREMENTIONED COORDINATION.
8. DO NOT CUT THROUGH THE MASONRY BOND BEAMS OR OTHER STRUCTURAL ELEMENT WHEN INSTALLING OPENINGS REQUIRED FOR ALL DUCTWORK, PIPING, CONDUITS OR OTHER WORK. CONTRACTOR CUTTING THROUGH OR OTHERWISE DAMAGING THESE ELEMENTS WILL BE RESPONSIBLE FOR ALL ASSOCIATED ENGINEERING FEES AND SUBSEQUENT RETRO-FIT/REINFORCING DEEMED NECESSARY TO REINSTATE THE CONTINUITY OF THE DISRUPTED ELEMENTS.
9. ALL ROOFTOP EQUIPMENT (ARCHITECTURAL, MECHANICAL, ELECTRICAL, ETC.) AND THEIR CORRESPONDING CURBS TO BE ATTACHED TO THE STRUCTURAL FRAMING AS REQUIRED TO RESIST WIND AND SEISMIC FORCES. ANCHORAGE TO METAL DECKING IS NOT ACCEPTABLE. CONTRACTOR/MANUFACTURER TO CONSULT AN INDEPENDENT STRUCTURAL ENGINEER TO REVIEW, DESIGN AND DETAIL THE REQUIRED CONNECTIONS.

NORTH

FIRST FLOOR MECHANICAL DEMOLITION PLAN

SCALE: 1/4" = 1'-0"

1

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DRAWN BWG
CHECKED DDW
APPROVED DDW

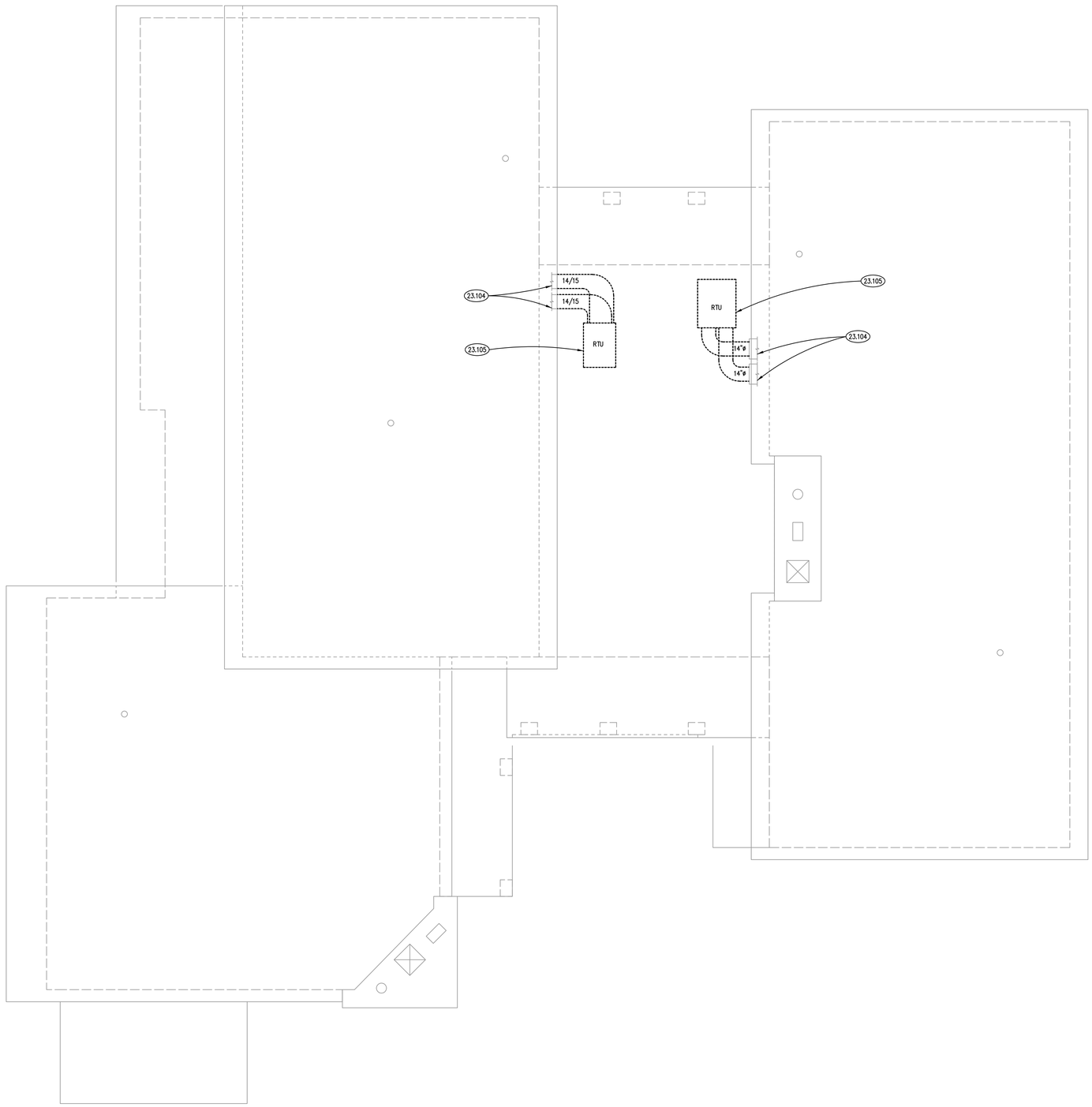
SHEET TITLE
FIRST FLOOR MECHANICAL DEMOLITION PLAN

SHEET NUMBER
M210

NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

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MECHANICAL DEMOLITION ROOF PLAN

SCALE: 1/4" = 1'-0" (1)

NORTH

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

23.104 FIELD VERIFY ROOF TOP UNIT ROOF MOUNTED DUCTWORK TO VERIFY WHICH DUCT IS SUPPLY AND RETURN.
23.105 REMOVE ROOF TOP UNIT. REMOVE SUPPLY AND RETURN DUCTWORK BACK TO WALL AS SHOWN. PROVIDE TEMPORARY WEATHERTIGHT CAP ON DUCT FOR NEW CONNECTION.

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. ALL PIPING, DUCTWORK AND RACEWAYS ARE SHOWN DIAGRAMMATICALLY AND DO NOT SHOW ALL REQUIRED FITTINGS, OFFSETS, DROPS AND RISES. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL MATERIAL AND LABOR FOR A COMPLETE AND WORKING SYSTEM. COORDINATE WITH OTHER TRADES FOR SPACE AVAILABLE AND RELATIVE LOCATIONS OF EQUIPMENT, PIPING, DUCTWORK, ETC.
3. EXISTING PIPING, DUCTWORK AND RACEWAYS INDICATED ON THESE PLANS SHALL BE FIELD VERIFIED FOR EXACT LOCATIONS, QUANTITY AND SIZES.
4. ALL TAPES AND MASTICS USED TO SEAL DUCTWORK LISTED AND LABELED IN ACCORDANCE WITH UL 181A SHALL BE MARKED ACCORDINGLY. ALL TAPES AND MASTICS USED TO SEAL FLEXIBLE DUCTS AND AIR CONNECTORS SHALL COMPLY WITH UL 181B AND MARKED ACCORDINGLY.
5. THERMOSTATIC CONTROLS OF EQUIPMENT SHALL HAVE A 5° F DEADBAND.
6. GENERALLY, SMALL DIAMETER PIPE RUNS FROM DRIPS, CONDENSATE PANS AND OTHER SERVICES ARE NOT SHOWN BUT MUST BE PROVIDED. CONDENSATE DRAINS SHALL BE CONFIGURED WITH FITTINGS AND/OR UNIONS TO PERMIT CLEARING OF BLOCKAGES AND PERFORMANCE OF MAINTENANCE WITHOUT CUTTING OF THE LINES.
7. SPACE ALLOCATION, COORDINATION WITH ELECTRICAL, ARCHITECTURAL & OTHER MECHANICAL COMPONENTS HAVE BEEN MADE WITH RESPECT TO ALL EQUIPMENT SCHEDULED ON THESE DRAWINGS AND IN THE SPECIFICATIONS OF THE FIRST NAMED MANUFACTURER ONLY. OTHER MANUFACTURERS ARE ACCEPTABLE PROVIDED THEY MEET PERFORMANCE REQUIREMENTS AND AFOREMENTIONED COORDINATION.
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9. ALL ROOFTOP EQUIPMENT (ARCHITECTURAL, MECHANICAL, ELECTRICAL, ETC.) AND THEIR CORRESPONDING CURBS TO BE ATTACHED TO THE STRUCTURAL FRAMING AS REQUIRED TO RESIST WIND AND SEISMIC FORCES. ANCHORAGE TO METAL DECKING IS NOT ACCEPTABLE. CONTRACTOR/MANUFACTURER TO CONSULT AN INDEPENDENT STRUCTURAL ENGINEER TO REVIEW, DESIGN AND DETAIL THE REQUIRED CONNECTIONS.

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SHEET TITLE

MECHANICAL DEMOLITION ROOF PLAN

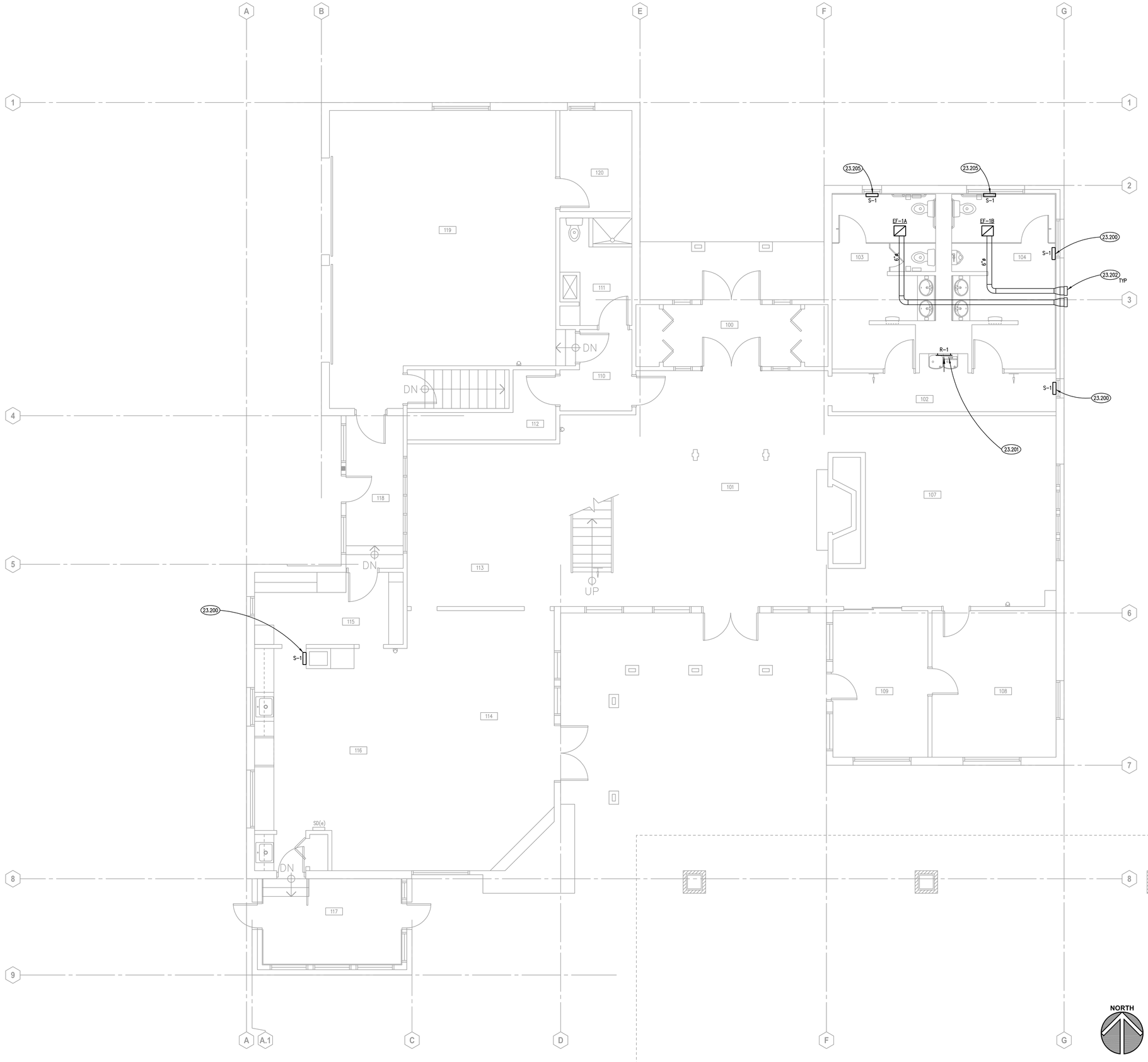
SHEET NUMBER

M230

NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

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NORTH

FIRST FLOOR MECHANICAL PLAN

SCALE: 1/4" = 1'-0" (1)

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

23.200 PROVIDE NEW SUPPLY REGISTER S-1. REGISTER SHALL BE DOUBLE DEFLECTION BASEBOARD MOUNTED MATCHING EXISTING. PROVIDE ALL MATERIALS AND LABOR TO RECONFIGURE DUCTWORK IN BASEMENT TO CONNECT TO NEW SUPPLY REGISTER LOCATION.

23.201 PROVIDE RETURN GRILLE R-1. RETURN GRILLE SHALL BE TITUS MODEL 350RL OR EQUAL, NECK SIZE = 16X16. MOUNT RETURN GRILLE WITHIN 24 INCHES OF CEILING. FIELD VERIFY EXISTING RETURN DUCTWORK. PROVIDE ALL MATERIALS AND LABOR TO RECONFIGURE EXISTING RETURN DUCTWORK TO MAKE THE CONNECTION.

23.202 PROVIDE WALL TERMINATION FOR EXHAUST FAN. MAINTAIN A MINIMUM OF 3-FEET BETWEEN EXHAUST FAN TERMINATION AND OPERABLE WINDOW.

23.205 PROVIDE NEW SUPPLY REGISTER S-1. REGISTER SHALL BE DOUBLE DEFLECTION BASEBOARD MOUNTED MATCHING EXISTING. FIELD VERIFY EXISTING SIZE PRIOR TO DEMOLITION.

FAN SCHEDULE

MARK	EF-1A	EF-1B	
MODEL	SP-B150	SP-B150	
AIR FLOW RATE (CFM)	140	140	
EXTERNAL STATIC PRESS (IN WG)	0.4	0.4	
DRIVE TYPE	DIRECT	DIRECT	
MOTOR SIZE (WATTS)	128	128	
ELECTRICAL (V/PH/HZ)	115/1/60	115/1/60	
FAN ENERGY INDEX (FEI)	N/A	N/A	
AREA SERVED	RM 103	RM 104	
REMARKS	1, 2, 3	1, 2, 4	

1. MODEL BASED ON GREENHECK.
2. PROVIDE WITH WC-10X3 HOODED WALL CAP TERMINATION WITH BUILT IN BIRDSCREEN AND BACKDRAFT DAMPER.
3. PROVIDE WITH ALUMINUM GRILLE, PRE-WIRED SPEED CONTROL, VIBRATION ISOLATORS.

SEQUENCE OF OPERATION

EF-1A/EF-1B: THE EXHAUST FAN SHALL BE ENERGIZED WHEN THE ROOM LIGHTS ARE ON.

ROOM SCHEDULE

RM. NO.	ROOM NAME	RM. NO.	ROOM NAME
100	NOT USED	120	EXISTING STORAGE
106	NOT USED		
107	EXISTING LIVING ROOM		
108	EXISTING STORAGE		
109	EXISTING STORAGE		
110	EXISTING CORRIDOR	203.1	EXISTING CLOSET
111	EXISTING BATHROOM		
112	EXISTING JANITOR'S CLOSET		
113	EXISTING DINING ROOM		
114	EXISTING KEEPING ROOM		
115	EXISTING PANTRY		
116	EXISTING KITCHEN		
117	EXISTING VESTIBULE		
118	EXISTING FOYER		
119	EXISTING GARAGE		

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. ALL PIPING, DUCTWORK AND RACEWAYS ARE SHOWN DIAGRAMMATICALLY AND DO NOT SHOW ALL REQUIRED FITTINGS, OFFSETS, DROPS AND RISES. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL MATERIAL AND LABOR FOR A COMPLETE AND WORKING SYSTEM. COORDINATE WITH OTHER TRADES FOR SPACE AVAILABLE AND RELATIVE LOCATIONS OF EQUIPMENT, PIPING, DUCTWORK, ETC.
3. EXISTING PIPING, DUCTWORK AND RACEWAYS INDICATED ON THESE PLANS SHALL BE FIELD VERIFIED FOR EXACT LOCATIONS, QUANTITY AND SIZES.
4. ALL TAPES AND MASTICS USED TO SEAL DUCTWORK LISTED AND LABELED IN ACCORDANCE WITH UL 181A SHALL BE MARKED ACCORDINGLY. ALL TAPES AND MASTICS USED TO SEAL FLEXIBLE DUCTS AND AIR CONNECTORS SHALL COMPLY WITH UL 181B AND MARKED ACCORDINGLY.
5. THERMOSTATIC CONTROLS OF EQUIPMENT SHALL HAVE A 5° F DEADBAND.
6. GENERALLY, SMALL DIAMETER PIPE RUNS FROM DRIPS, CONDENSATE PANS AND OTHER SERVICES ARE NOT SHOWN BUT MUST BE PROVIDED. CONDENSATE DRAINS SHALL BE CONFIGURED WITH FITTINGS AND/OR UNIONS TO PERMIT CLEARING OF BLOCKAGES AND PERFORMANCE OF MAINTENANCE WITHOUT CUTTING OF THE LINES.
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APPROVED	DDW

SHEET TITLE

FIRST FLOOR MECHANICAL PLAN

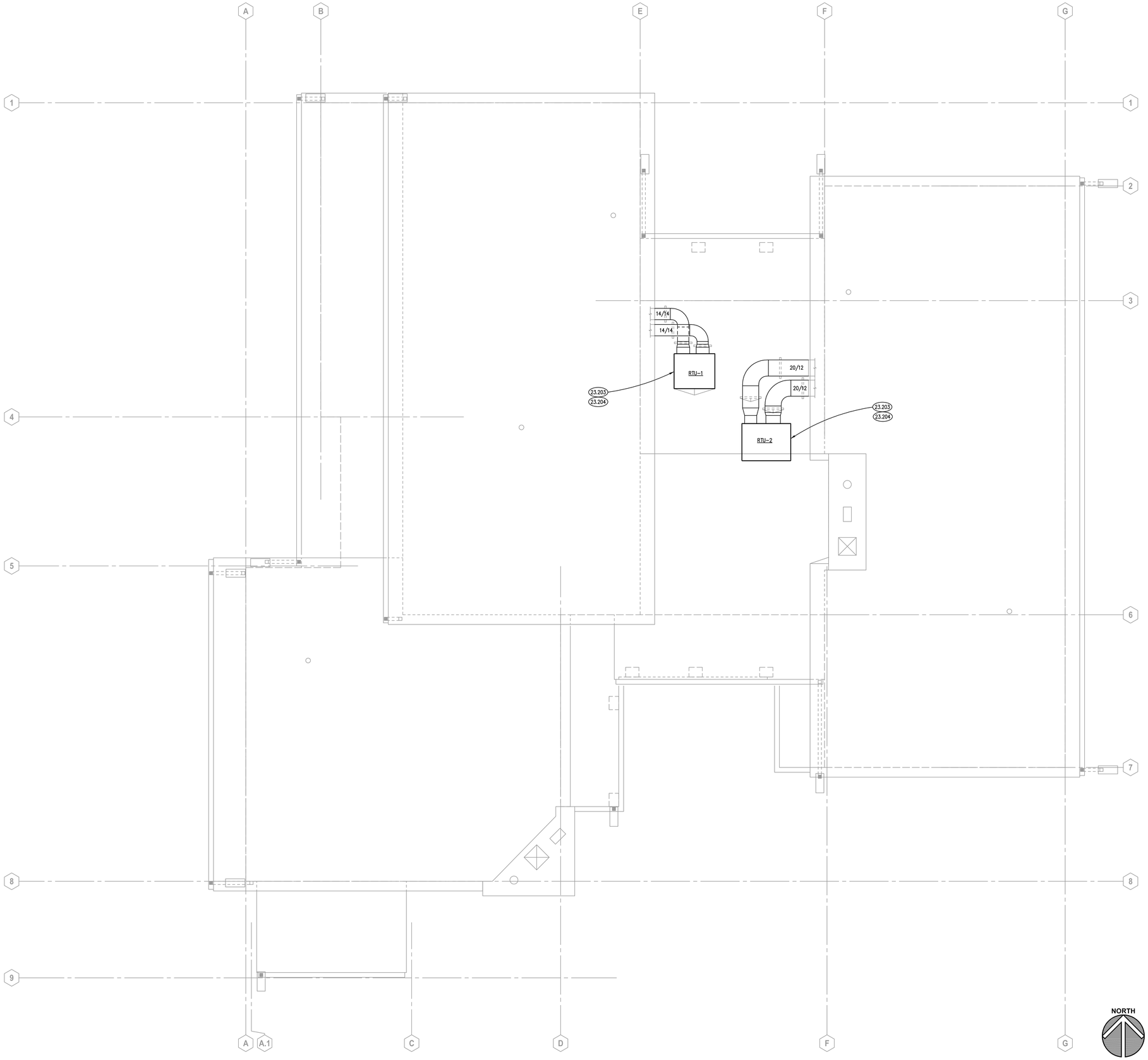
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M310

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MECHANICAL ROOF PLAN

SCALE: 1/4" = 1'-0" (1)

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

23.203 PROVIDE ROOF TOP UNIT. PROVIDE CONNECTIONS TO EXISTING DUCTWORK. FIELD VERIFY BUILDING SUPPLY AND RETURN DUCT OPENINGS PRIOR TO MAKING THE CONNECTION.

23.204 FIELD VERIFY LOCATION OF EXISTING THERMOSTAT FOR ROOF TOP UNIT BEING REMOVED. REMOVE EXISTING THERMOSTAT AND PROVIDE NEW THERMOSTAT FOR NEW ROOF TOP UNITS AT SAME LOCATION. REFER TO SPECIFICATIONS.

HEAT PUMP ROOFTOP UNIT SCHEDULE

		RTU-1	RTU-2
MARK		4WCY50036A1	4WCY5048A1
MODEL			
AIR FLOW RATE		1,200	1,600
COOLING	ENT AIR TEMP (db/wb °F)	77.0 / 64.0	77.0 / 64.0
	LVG AIR TEMP (db/wb °F)	55.0 / 55.0	55.0 / 55.0
	REFRIGERANT TYPE	R-410A	R-410A
	ENT CONDENSER AIR TEMP (°F)	95	95
	SENSIBLE CAPACITY (MBH)	–	–
	NOMINAL TOTAL CAPACITY (MBH)	36.0	48.0
	EFFICIENCY (SEER)	15.0	15.0
HEATING	HEATING CAPACITY	32.6	42.5
	EFFICIENCY (HSPF)	8.4	8.4
	ENT AIR (°F)	60.0	60.0
	LVG AIR (°F)	112.6	99.5
	ELECTRIC CAPACITY (kW)	20.0	20.0
	ELECTRIC HEAT: NO. OF STEPS	2	2
SUPPLY FAN (HP)		1/2	3/4
EXTERNAL STATIC PRESSURE (IN WG)		0.8	0.8
ELECTRICAL (V/PH/HZ)		240/1/60	240/1/60
MCA		SEE NOTES	SEE NOTES
REMARKS		1, 2, 3	1, 2, 4

1. MODEL BASED ON TRANE.
2. HORIZONTAL RETURN AND DISCHARGE.
3. PROVIDE SINGLE POINT POWER, MCA UNIT = 24.7, MCA HEATER STG 1 = 104.0, MCA HEATER STG 2: 104.0.
4. PROVIDE SINGLE POINT POWER, MCA UNIT = 34.2, MCA HEATER STG 1 = 104.0, MCA HEATER STG 2: 104.0.

SEQUENCE OF OPERATION

RTU-1/RTU-2:

THE HEAT PUMP ROOF TOP UNIT SHALL BE CONTROLLED BY A PROGRAMMABLE ROOM THERMOSTAT. THE ROOF TOP UNIT SHALL BE IN HEATING OR COOLING MODE AS REQUIRED TO MAINTAIN THE ROOM SETPOINT. IN HEATING MODE, IF THE HEAT PUMP CANNOT MAINTAIN THE SPACE TEMPERATURE, SUPPLEMENTAL ELECTRIC HEAT SHALL BE ENERGIZED. THERE SHALL BE A 5°F DEADBAND BETWEEN HEATING AND COOLING MODES. AN OCCUPIED/UNOCCUPIED SCHEDULE SHALL BE SET IN THE THERMOSTAT. THERMOSTAT SHALL HAVE AN OVERRIDE FUNCTION TO CHANGE FROM UNOCCUPIED TO OCCUPIED MODE.

GENERAL NOTES

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4. ALL TAPES AND MASTICS USED TO SEAL DUCTWORK LISTED AND LABELED IN ACCORDANCE WITH UL 181A SHALL BE MARKED ACCORDINGLY. ALL TAPES AND MASTICS USED TO SEAL FLEXIBLE DUCTS AND AIR CONNECTORS SHALL COMPLY WITH UL 181B AND MARKED ACCORDINGLY.
5. THERMOSTATIC CONTROLS OF EQUIPMENT SHALL HAVE A 5° F DEADBAND.
6. GENERALLY, SMALL DIAMETER PIPE RUNS FROM DRIPS, CONDENSATE PANS AND OTHER SERVICES ARE NOT SHOWN BUT MUST BE PROVIDED. CONDENSATE DRAINS SHALL BE CONFIGURED WITH FITTINGS AND/OR UNIONS TO PERMIT CLEARING OF BLOCKAGES AND PERFORMANCE OF MAINTENANCE WITHOUT CUTTING OF THE LINES.
7. SPACE ALLOCATION, COORDINATION WITH ELECTRICAL, ARCHITECTURAL & OTHER MECHANICAL COMPONENTS HAVE BEEN MADE WITH RESPECT TO ALL EQUIPMENT SCHEDULED ON THESE DRAWINGS AND IN THE SPECIFICATIONS OF THE FIRST NAMED MANUFACTURER ONLY. OTHER MANUFACTURERS ARE ACCEPTABLE PROVIDED THEY MEET PERFORMANCE REQUIREMENTS AND AFOREMENTIONED COORDINATION.
8. DO NOT CUT THROUGH THE MASONRY BOND BEAMS OR OTHER STRUCTURAL ELEMENT WHEN INSTALLING OPENINGS REQUIRED FOR ALL DUCTWORK, PIPING, CONDUITS OR OTHER WORK. CONTRACTOR CUTTING THROUGH OR OTHERWISE DAMAGING THESE ELEMENTS WILL BE RESPONSIBLE FOR ALL ASSOCIATED ENGINEERING FEES AND SUBSEQUENT RETRO-FIT/REINFORCING DEEMED NECESSARY TO REINSTATE THE CONTINUITY OF THE DISRUPTED ELEMENTS.
9. ALL ROOFTOP EQUIPMENT (ARCHITECTURAL, MECHANICAL, ELECTRICAL, ETC.) AND THEIR CORRESPONDING CURBS TO BE ATTACHED TO THE STRUCTURAL FRAMING AS REQUIRED TO RESIST WIND AND SEISMIC FORCES. ANCHORAGE TO METAL DECKING IS NOT ACCEPTABLE. CONTRACTOR/MANUFACTURER TO CONSULT AN INDEPENDENT STRUCTURAL ENGINEER TO REVIEW, DESIGN AND DETAIL THE REQUIRED CONNECTIONS.

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KEN PICKERILL HOUSE RENOVATIONS

KENDALL COUNTY FOREST PRESERVE DISTRICT
110 W. MADISON STREET
YORKVILLE, IL 60560

ISSUED
01/28/22 BID DOCUMENTS

JOB NO.	19-429-1250
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CHECKED	DDW
APPROVED	DDW

SHEET TITLE

MECHANICAL ROOF PLAN

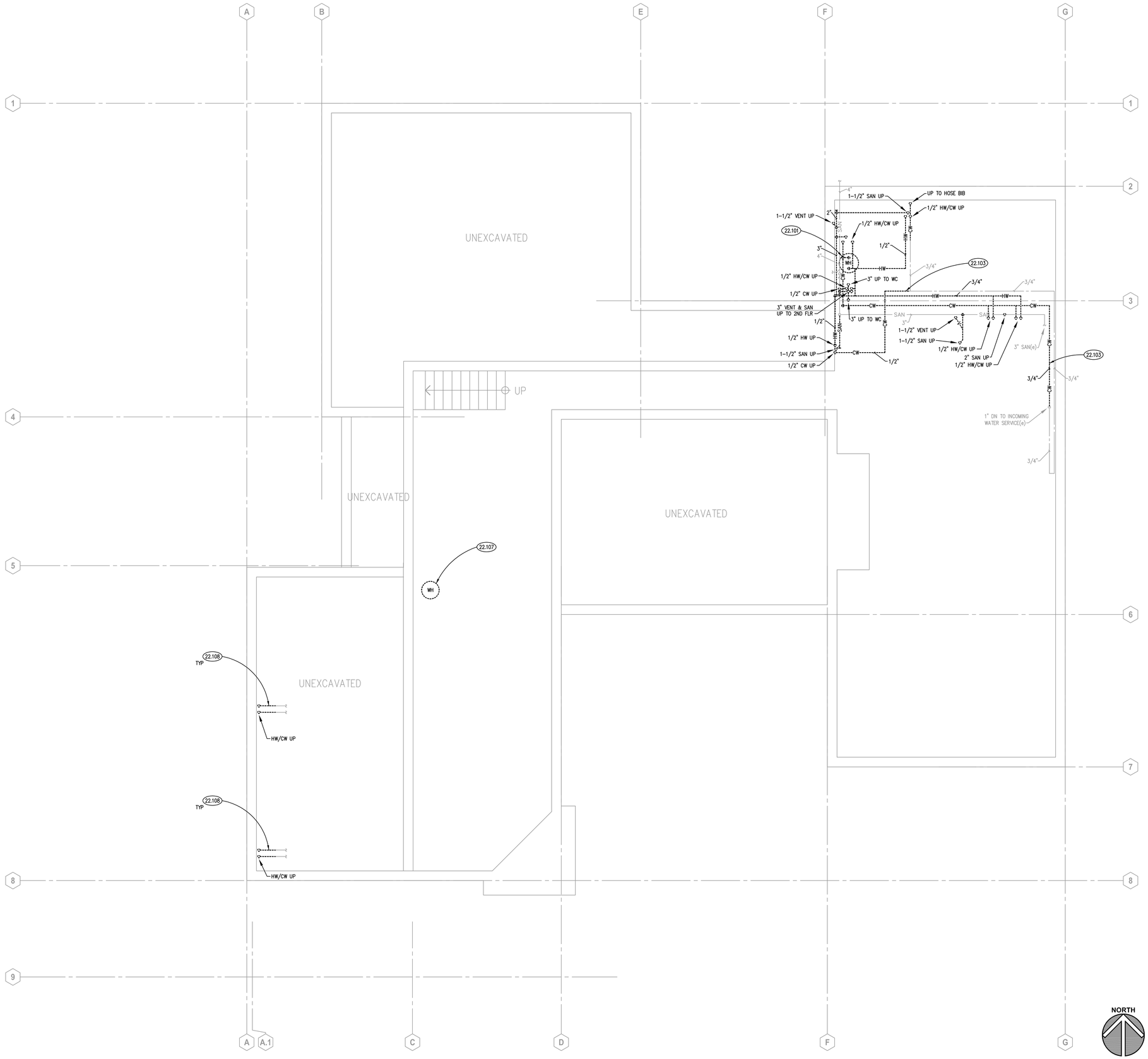
SHEET NUMBER

M330

NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

P=1250 - Kendall County Forest Preserve - Pickerill Estate House Conversion\30_Design\Dwgs\DD-CD\30_Mech1250M0330.dwg, 2/16/2022 8:19:33 AM, BWG

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BASEMENT PLUMBING DEMOLITION PLAN

SCALE: 1/4" = 1'-0" (1)

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

22.101 REMOVE HOT WATER HEATER AND ASSOCIATED PIPING AND SPECIALITIES. REMOVE HOT AND COLD WATER BACK AS SHOWN.
22.103 REMOVE COLD WATER PIPING BACK AS SHOWN. PROVIDE TEMPORARY CAP FOR NEW CONNECTION.
22.107 REMOVE HOT WATER HEATER. RECONFIGURE HOT AND COLD WATER PIPING AS REQUIRED FOR INSTALLATION OF NEW WATER HEATER AND PROVIDE TEMPORARY CAPS FOR NEW CONNECTION FIELD VERIFY EXACT ROUTING OF EXISTING PIPING.
22.108 FIELD VERIFY EXISTING HOT AND COLD WATER ROUTING IN CRAWL SPACE. REMOVE DAMAGED HOT AND COLD WATER PIPING FOR SINKS BEING REPLACED BACK AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. PROVIDE TEMPORARY CAP FOR NEW CONNECTION.

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. ALL SANITARY, WASTE AND STORM PIPES UP TO AND INCLUDING 3 INCHES SHALL SLOPE AT 1/4 INCH PER FOOT, 4 INCHES AND LARGER SHALL SLOPE AT 1/8 INCH PER FOOT, UNLESS OTHERWISE NOTED.
3. ALL PIPING IS SHOWN DIAGRAMMATICALLY AND DOES NOT SHOW ALL OFFSETS, DROPS AND RISES. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL MATERIAL AND LABOR FOR A COMPLETE AND WORKING SYSTEM.
4. OBTAIN AND PAY ALL COSTS FOR PERMITS, LICENSES, CERTIFICATE FILING AND INSPECTIONS BY AUTHORITIES HAVING JURISDICTION.
5. EXISTING PIPING INDICATED ON THESE PLANS SHALL BE FIELD VERIFIED FOR EXACT LOCATIONS, QUANTITY AND PIPE SIZES.
6. DO NOT CUT THROUGH STRUCTURAL ELEMENTS WHEN INSTALLING OPENINGS REQUIRED FOR ALL PIPING, CONDUITS OR OTHER WORK. CONTRACTOR CUTTING THROUGH OR OTHERWISE DAMAGING THESE ELEMENTS WILL BE RESPONSIBLE FOR ALL ASSOCIATED ENGINEERING FEES AND SUBSEQUENT RETRO-FIT/REINFORCING DEEMED NECESSARY TO REINSTATE THE CONTINUITY OF THE DISRUPTED ELEMENTS.
7. SPACE ALLOCATION, COORDINATION WITH ELECTRICAL, ARCHITECTURAL & OTHER PLUMBING COMPONENTS HAVE BEEN MADE WITH RESPECT TO ALL EQUIPMENT SCHEDULED ON THESE DRAWINGS AND IN THE SPECIFICATIONS OF THE FIRST NAMED MANUFACTURER ONLY. OTHER MANUFACTURERS ARE ACCEPTABLE PROVIDED THEY MEET PERFORMANCE REQUIREMENTS AND AFOREMENTIONED COORDINATION.
8. COORDINATE ROUGH-INS FOR AND INSTALLATION OF PLUMBING FIXTURES WITH ACCESSIBILITY AND MOUNTING INFORMATION CONTAINED ON ARCHITECTURAL DRAWINGS.
9. COORDINATE LOCATIONS OF ROUGH-INS FOR SINKS WITH CASEWORK ELEVATIONS CONTAINED ON ARCHITECTURAL DRAWINGS.
10. DRAINAGE AND VENT SYSTEM SHALL BE PRESSURE TESTED WITH WATER OR AIR.

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JOB NO.	19-429-1250
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CHECKED	DDW
APPROVED	DDW

SHEET TITLE

BASEMENT PLUMBING DEMOLITION PLAN

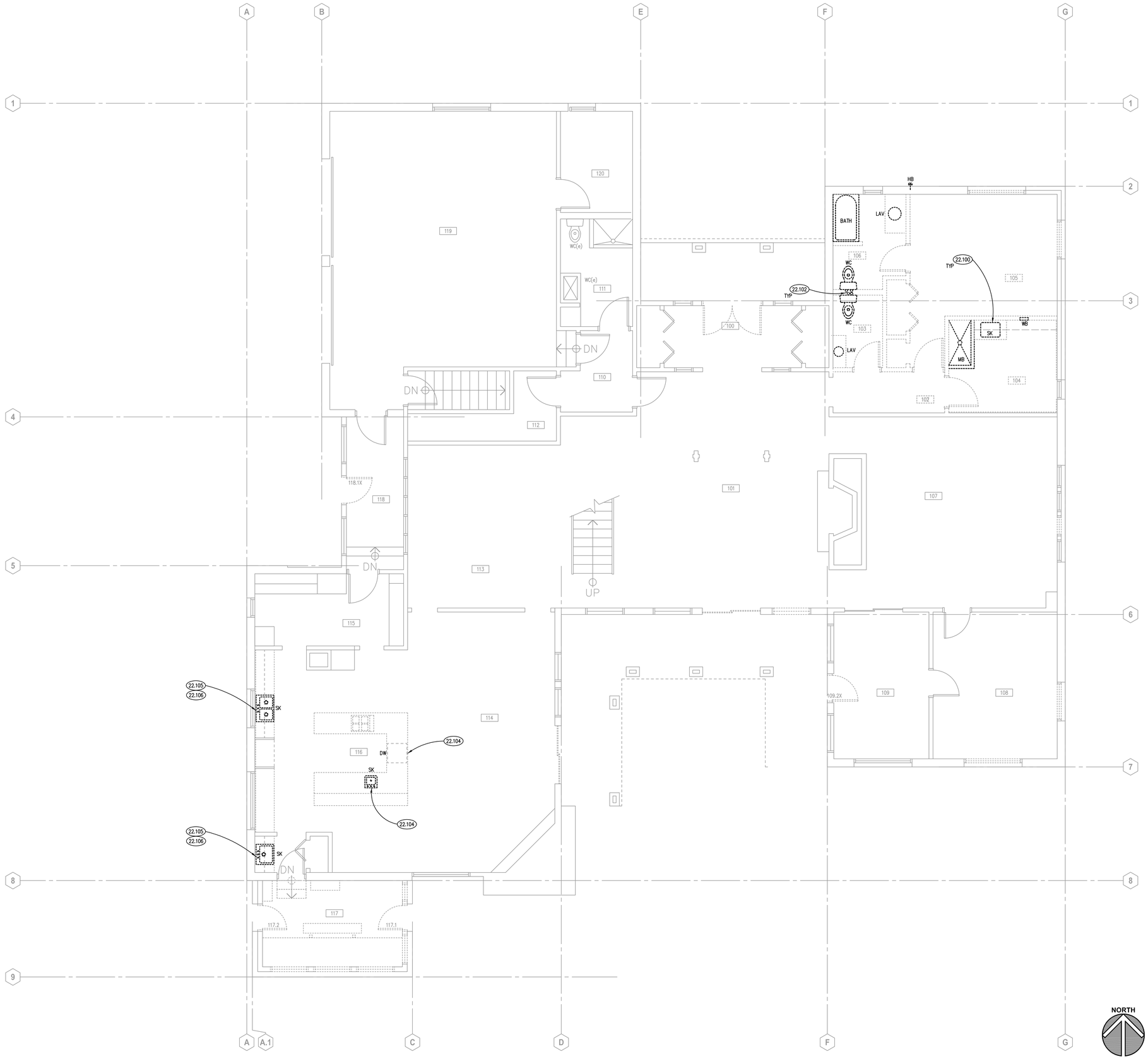
SHEET NUMBER

P200

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FIRST FLOOR DEMOLITION PLAN

SCALE: 1/4" = 1'-0"

1

NORTH

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

22.100 REMOVE PLUMBING FIXTURE. REMOVE HOT AND COLD WATER PIPING BACK TO WITHIN 24 INCHES OF NEXT ACTIVE BRANCH. REMOVE WASTE AND VENT PIPING BACK TO NEAREST MAIN AND PROVIDE CAP. REFER TO BASEMENT PLUMBING DEMOLITION PLAN.

22.102 REMOVE HOT, COLD, WASTE AND VENT PIPING BACK TO CEILING. PIPING TO BE REROUTED, REFER TO NEW WORK PLANS.

22.104 REMOVE PLUMBING FIXTURE. REMOVE HOT AND COLD WATER PIPING BACK TO WITHIN 24 INCHES OF NEXT ACTIVE BRANCH AND PROVIDE PERMANENT CAP ON PIPE. REMOVE WASTE AND VENT PIPING BACK TO NEXT ACTIVE BRANCH AND CAP.

22.105 REMOVE SINK. EXISTING WATER PIPING HAS BURST FROM FREEZING. REMOVE HOT WATER AND COLD WATER PIPING BACK APPROXIMATELY 10 FEET IN CRAWL SPACE BELOW TO REMOVE SECTIONS OF PIPE THAT HAVE BURST. PROVIDE TEMPORARY CAP FOR NEW CONNECTION. FIELD VERIFY EXACT LOCATION OF PIPING AND AMOUNT OF PIPING TO BE REMOVED TO ENSURE A COMPLETE AND OPERATIONAL SYSTEM.

22.106 PROVIDE TEMPORARY CAP ON WASTE AND VENT PIPING FOR NEW CONNECTION.

ROOM SCHEDULE

RM. NO.	ROOM NAME	RM. NO.	ROOM NAME
105	EXISTING BEDROOM		
106	EXISTING BATHROOM		
107	EXISTING LIVING ROOM		
108	EXISTING STORAGE		
109	EXISTING STORAGE		
110	EXISTING CORRIDOR		
111	EXISTING BATHROOM		
112	EXISTING JANITOR'S CLOSET		
113	EXISTING DINING ROOM		
114	EXISTING KEEPING ROOM		
115	EXISTING PANTRY		
116	EXISTING KITCHENETTE		
117	EXISTING VESTIBULE		
118	EXISTING FOYER		
119	EXISTING GARAGE		
120	EXISTING STORAGE		

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. ALL SANITARY, WASTE AND STORM PIPES UP TO AND INCLUDING 3 INCHES SHALL SLOPE AT 1/4 INCH PER FOOT, 4 INCHES AND LARGER SHALL SLOPE AT 1/8 INCH PER FOOT, UNLESS OTHERWISE NOTED.
3. ALL PIPING IS SHOWN DIAGRAMMATICALLY AND DOES NOT SHOW ALL OFFSETS, DROPS AND RISES. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL MATERIAL AND LABOR FOR A COMPLETE AND WORKING SYSTEM.
4. OBTAIN AND PAY ALL COSTS FOR PERMITS, LICENSES, CERTIFICATE FILING AND INSPECTIONS BY AUTHORITIES HAVING JURISDICTION.
5. EXISTING PIPING INDICATED ON THESE PLANS SHALL BE FIELD VERIFIED FOR EXACT LOCATIONS, QUANTITY AND PIPE SIZES.
6. DO NOT CUT THROUGH STRUCTURAL ELEMENTS WHEN INSTALLING OPENINGS REQUIRED FOR ALL PIPING, CONDUITS OR OTHER WORK. CONTRACTOR CUTTING THROUGH OR OTHERWISE DAMAGING THESE ELEMENTS WILL BE RESPONSIBLE FOR ALL ASSOCIATED ENGINEERING FEES AND SUBSEQUENT RETRO-FIT/REINFORCING DEEMED NECESSARY TO REINSTATE THE CONTINUITY OF THE DISRUPTED ELEMENTS.
7. SPACE ALLOCATION, COORDINATION WITH ELECTRICAL, ARCHITECTURAL & OTHER PLUMBING COMPONENTS HAVE BEEN MADE WITH RESPECT TO ALL EQUIPMENT SCHEDULED ON THESE DRAWINGS AND IN THE SPECIFICATIONS OF THE FIRST NAMED MANUFACTURER ONLY. OTHER MANUFACTURERS ARE ACCEPTABLE PROVIDED THEY MEET PERFORMANCE REQUIREMENTS AND AFOREMENTIONED COORDINATION.
8. COORDINATE ROUGH-INS FOR AND INSTALLATION OF PLUMBING FIXTURES WITH ACCESSIBILITY AND MOUNTING INFORMATION CONTAINED ON ARCHITECTURAL DRAWINGS.
9. COORDINATE LOCATIONS OF ROUGH-INS FOR SINKS WITH CASEWORK ELEVATIONS CONTAINED ON ARCHITECTURAL DRAWINGS.
10. DRAINAGE AND VENT SYSTEM SHALL BE PRESSURE TESTED WITH WATER OR AIR.

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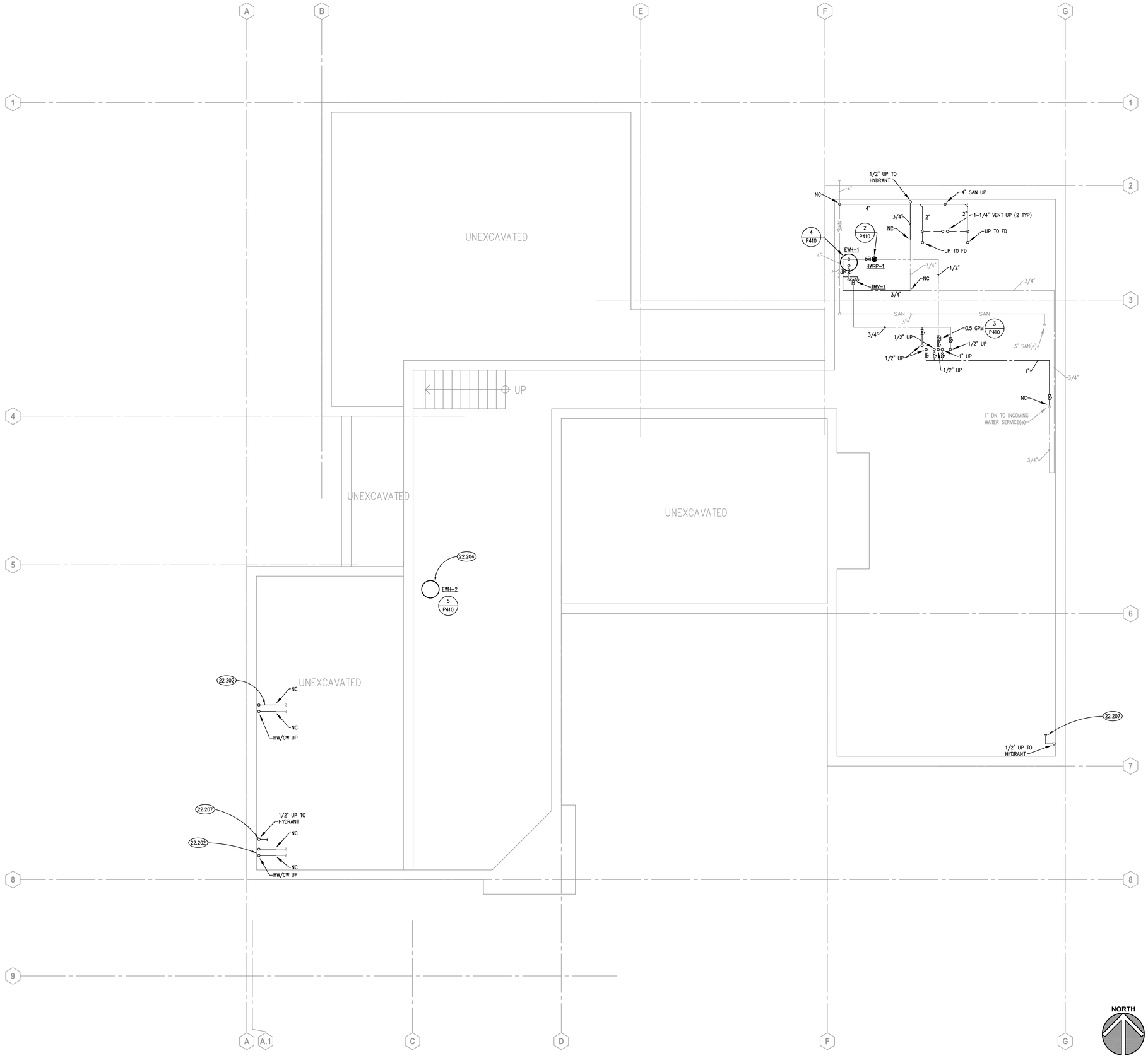
SHEET TITLE
FIRST FLOOR PLUMBING DEMOLITION PLAN

SHEET NUMBER
P210

NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

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BASEMENT PLUMBING PLAN (1)

SCALE: 1/4" = 1'-0"

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

22.202 PROVIDE RECONNECTION TO EXISTING PIPING IN CRAWL SPACE. INSULATE ALL PIPING AS SPECIFIED.
22.204 PROVIDE NEW ELECTRIC WATER HEATER. PROVIDE ALL MATERIALS AND LABOR TO RECONNECT TO EXISTING HOT AND COLD WATER PIPING.
22.207 PROVIDE WATER CONNECTION FOR NEW WALL HYDRANT TO NEAREST COLD WATER PIPING IN BASEMENT. FIELD VERIFY LOCATION OF WATER PIPING IN BASEMENT.

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. ALL SANITARY, WASTE AND STORM PIPES UP TO AND INCLUDING 3 INCHES SHALL SLOPE AT 1/4 INCH PER FOOT, 4 INCHES AND LARGER SHALL SLOPE AT 1/8 INCH PER FOOT, UNLESS OTHERWISE NOTED.
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4. OBTAIN AND PAY ALL COSTS FOR PERMITS, LICENSES, CERTIFICATE FILING AND INSPECTIONS BY AUTHORITIES HAVING JURISDICTION.
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110 W. MADISON STREET
YORKVILLE, IL 60560

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JOB NO.	19-429-1250
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CHECKED	DDW
APPROVED	DDW

SHEET TITLE

BASEMENT PLUMBING PLAN

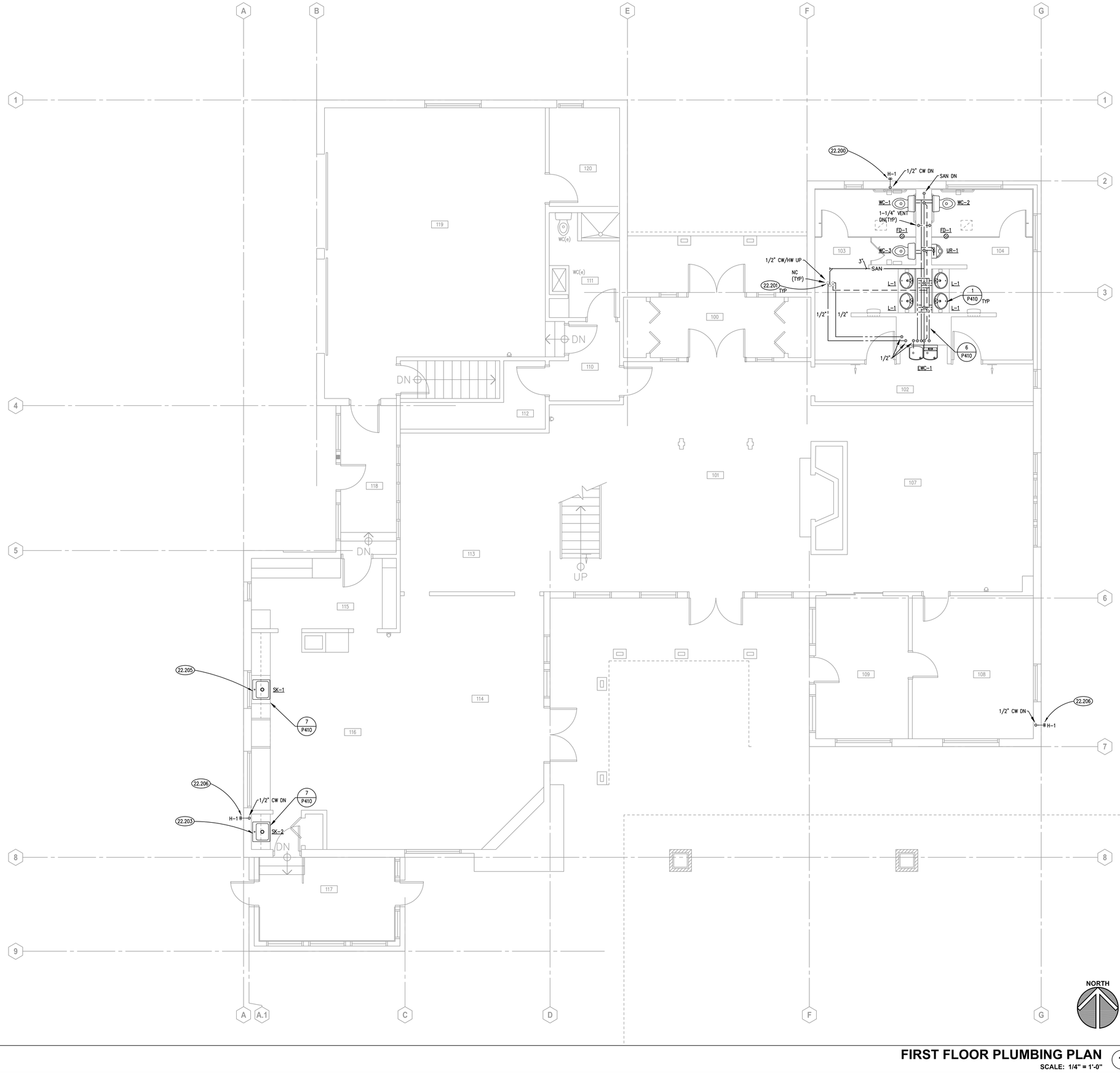
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FIRST FLOOR PLUMBING PLAN

SCALE: 1/4" = 1'-0" (1)

NORTH

KEYNOTES

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22.200 PROVIDE NEW WALL HYDRANT AT LOCATION OF REMOVED HOSE BIB. PROVIDE ALL MATERIALS AND LABOR TO MODIFY PIPING TO MAKE THE CONNECTION.

22.201 PROVIDE NEW CONNECTION TO EXISTING HOT WATER, COLD WATER, VENT AND WASTE PIPING FROM SECOND FLOOR. FIELD VERIFY EXACT LOCATION AND CONFIGURATION. PROVIDE ALL MATERIAL AND LABOR TO MODIFY PIPING AS REQUIRED TO MAKE THE CONNECTION.

22.203 PROVIDE ALL MATERIALS AND LABOR TO RECONNECT NEW SINK TO EXISTING WASTE AND VENT LINES.

22.205 PROVIDE ANY MODIFICATIONS TO EXISTING WASTE AND VENT PIPE AS REQUIRED TO CHANGE FROM TWO BOWL NON-ADA TO SINGLE BOWL ADA COMPLIANT SINK. RECONNECT TO EXISTING WASTE AND VENT LINES.

22.206 PROVIDE NEW WALL HYDRANT AT LOCATION SHOWN. FIELD VERIFY LOCATION OF EXISTING WATER PIPING IN BASEMENT AND CONNECT TO NEAREST COLD WATER PIPING.

ROOM SCHEDULE

RM. NO.	ROOM NAME	RM. NO.	ROOM NAME
100	NOT USED	120	EXISTING STORAGE
101	NOT USED		
107	EXISTING LIVING ROOM		
108	EXISTING STORAGE		
109	EXISTING STORAGE		
110	EXISTING CORRIDOR	203.1	EXISTING CLOSET
111	EXISTING BATHROOM		
112	EXISTING JANITOR'S CLOSET		
113	EXISTING DINING ROOM		
114	EXISTING KEEPING ROOM		
115	EXISTING PANTRY		
116	EXISTING KITCHEN		
117	EXISTING VESTIBULE		
118	EXISTING FOYER		
119	EXISTING GARAGE		

GENERAL NOTES

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SHEET TITLE

FIRST FLOOR PLUMBING PLAN

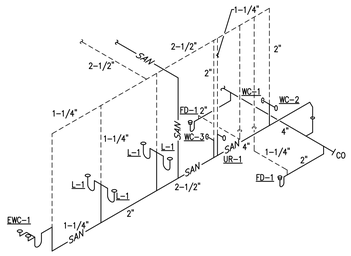
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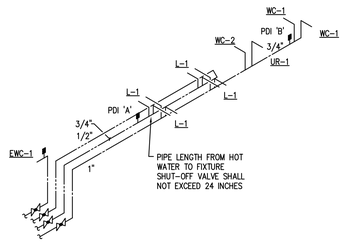
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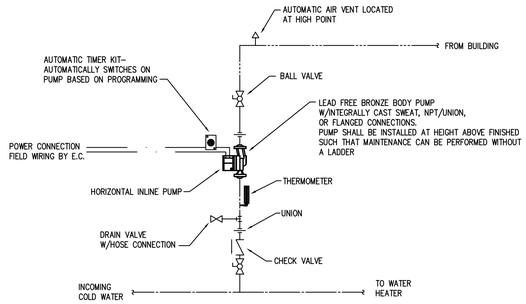
WASTE & VENT



DOMESTIC WATER

RISER DIAGRAM 6

SCALE: NTS



HOT WATER RECIRCULATION PUMP DETAIL 2

SCALE: NTS

PLUMBING FIXTURE SCHEDULE

TAG	DESCRIPTION	COLD	HOT	WASTE	VENT	REMARKS
WC–1	WATER CLOSET–FLUSH TANK	1/2"	–	4"	2"	ADAAG COMPLIANT/RIGHT HAND TRIP LEVER
WC–2	WATER CLOSET–FLUSH TANK	1/2"	–	4"	2"	ADAAG COMPLIANT/LEFT HAND TRIP LEVER
WC–3	WATER CLOSET–FLUSH TANK	1/2"	–	4"	2"	
UR–1	URINAL–FLUSH VALVE	3/4"	–	2"	1–1/2"	ADAAG COMPLIANT
L–1	LAVATORY BOWL – DIV 12	1/2"	1/2"	1–1/2"	1–1/4"	ADAAG COMPLIANT
EWC–1	ELECTRIC WATER COOLER	1/2"	–	1–1/4"	1–1/4"	ADAAG COMPLIANT
SK–1	BOWL – DIV 12	1/2"	1/2"	1–1/2"	1–1/2"	ADAAG COMPLIANT
SK–2	BOWL – DIV 12	1/2"	1/2"	1–1/2"	1–1/2"	

1. ALL PLUMBING MATERIALS AND INSTALLATIONS SHALL BE IN STRICT ACCORDANCE WITH ALL STATE AND LOCAL PLUMBING RULES AND REGULATIONS CURRENTLY IN EFFECT, GOVERNED BY THE ADMINISTRATIVE AUTHORITY HAVING JURISDICTION.
2. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ALL TRAPS AND CLEANOUTS AS NECESSARY OF THE LOCALITY.
3. THE OPENINGS IN WALLS FOR THE PASSAGE OF PIPES SHALL BE TOTALLY FIRE SEALED TO THE SATISFACTION OF THE PLUMBING INSPECTOR AND/OR THE AUTHORITY HAVING JURISDICTION.

ELECTRIC WATER HEATER SCHEDULE

MARK	EWH–1	EWH–2
MODEL	DEN–52	DEN–66
TYPE	STORAGE	STORAGE
TANK SIZE (GAL.)	50	66
RECOVERY @ 100 DEGREE F RISE	20	18
HEATING ELEMENT (kW)	5.0	4.5
ELECTRICAL (V/PH/HZ)	240/1/60	240/1/60
SERVICE	POTABLE HOT	POTABLE HOT
REMARKS	1	1

1. MODEL BASED ON A.O. SMITH

PUMP SCHEDULE

MARK	HWRP–1
MODEL	e3–4
WATER FLOW RATE (GPM)	0.5
HEAD (FT)	4
TYPE	IN–LINE
MOTOR SIZE (HP)	ECM 5–28
ELECTIRCAL (V/PH/HZ)	120/1/60
MOTOR SPEED (RPM)	–
SERVICE	HOT WATER RECIRC
REMARKS	1

1. MODEL BASED ON B&G

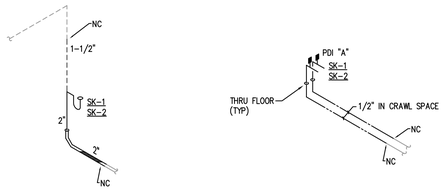
EXPANSION TANK SCHEDULE

MARK	ET–1
MODEL	ST–5
TANK VOLUME (GAL)	2.1
TANK ACCEPTANCE (GAL)	0.9
LENGTH x DIAMETER (IN x IN)	14 X 8
MAXIMUM DESIGN PRESSURE (PSIG)	150
MAXIMUM DESIGN TEMPERATURE (°F)	200
REMARKS	1

1. MODEL BASED ON AMTROL

NOT USED

SCALE: NTS

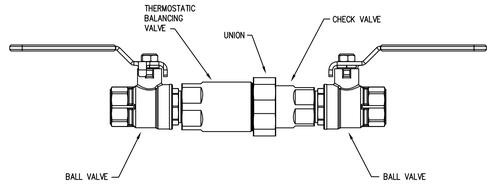


WASTE & VENT

DOMESTIC WATER

RISER DIAGRAM 7

SCALE: NTS



NOTE
1. THE VALVE CLOSING TEMPERATURE SHALL BE 120 DEGREES F.
2. DESIGN BASIS: THERMOMEGATECH CIRCUIT SOLVER.

THERMOSTATIC SELF-ACTUATING VALVE DETAILS 3

NTS

ABBREVIATIONS

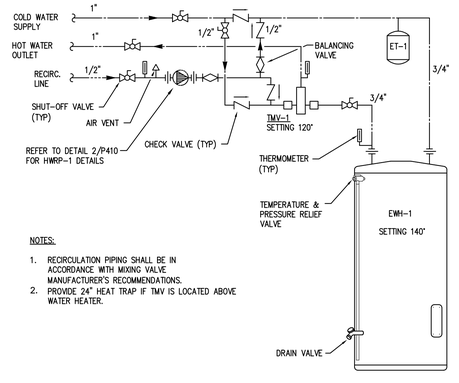
&	AND
@	AT
ø	DIAMETER OR ROUND
ACT	ACTUAL
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
ALUM	ALUMINUM
AP	ACCESS PANEL
APPROX	APPROXIMATE
AS	AIR SEPARATOR
AV	ACID VENT
AVG	AVERAGE
AVTR	ACID VENT THROUGH ROOF
AW	ACID WASTE
BLR	BOILER
BM	BEAT
BTM	BOTTOM
BTU	BRITISH THERMAL UNIT
CFH	CUBIC FEET PER HOUR
CH	CHILLER
CIP	CAST IN PLACE
CLG	CEILING
CLNG	CEILING
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
CONT	CONTINUATION
CS	CUP SINK
CT	COOLING TOWER
CW	DOMESTIC COLD WATER
DBL	DOUBLE
DCBP	DOUBLE CHECK BACKFLOW PREVENTER
DCDBP	DOUBLE CHECK DETECTOR BACKFLOW PREVENTER
DEG	DEGREE
DENS	DENSITY
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DWG	DRAWING
(e)	EXISTING
EL	ELEVATION
EQUIP	EQUIPMENT
ES	EMERGENCY STATION
ET	EXPANSION TANK
ETR	EXISTING TO REMAIN
EWC	ELECTRIC WATER COOLER
EXT	EXTERNAL
F	FAHRENHEIT
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FLR	FLOOR
FT	FEET
FTG	FOOTING
G	NATURAL GAS, LOW PRESSURE
GA	GAUGE
GC	GENERAL CONTRACTOR
GPM	GALLONS PER MINUTE
HB	HOSE BIB
HORIZ	HORIZONTAL
HP	HORSEPOWER
HW	DOMESTIC HOT WATER
HWR	HOT WATER RECIRCULATION
HWRP	HOT WATER RECIRCULATION PUMP
ID	INSIDE DIAMETER
INCR	INCREASER
INSUL	INSULATION
INT	INTERNAL
kW	KILOWATT
L	LAVATORY
LAV	LAVATORY
LT	LAUNDRY TUB
MAX	MAXIMUM
MB	MOP BASIN
MBH	THOUSANDS OF BTUs
MECH	MECHANICAL
MFR	MANUFACTURER
MG	NATURAL GAS, MEDIUM PRESSURE
MIN	MINIMUM
MISC	MISCELLANEOUS
NC	NEW CONNECTION
NO / #	NUMBER
NOM	NOMINAL
OD	OUTSIDE DIAMETER
OPNG	OPENING
PD	PUMP DISCHARGE
PDI	PLUMBING AND DRAINAGE INSTITUTE
PRESS	PRESSURE
PSF	POUNDS PER SQUARE FOOT
PSIA	POUNDS PER SQUARE INCH, ABSOLUTE
PSIG	POUNDS PER SQUARE INCH, GAUGE
R	RADIUS
RCO	RODDING CLEAN OUT
RD	ROOF DRAIN
REINF	REINFORCING
REQD	REQUIRED
REV	REVISION
RPM	REVOLUTIONS PER MINUTE
RPZBP	REDUCED PRESSURE ZONE BACKFLOW PREVENTER
SAN	SANITARY
SCHED	SCHEDULE
SD	SHOWER DRAIN
SF	SQUARE FEET
SH	SHOWER
SHT	SHEET
SK	SINK
SQ	SQUARE
SS	SERVICE SINK
ST	STORM
SUSP	SUSPENDED
TB	TRIPLE BASIN
TD	TRENCH DRAIN
THK	THICK
TMV	THERMOSTATIC MIXING VALVE
TYP	TYPICAL
UFS	UNDER FLOOR SLAB
UR	URINAL
V	VENT
VERT	VERTICAL
VTR	VENT THROUGH ROOF
W/	WITH
W/O	WITHOUT
W	WASTE
WC	WATER CLOSET
WCO	WALL CLEANOUT
WH	WATER HEATER
WHA	WATER HAMMER ARRESTER

THIS LIST IS AN ALL INCLUSIVE MASTER LIST USED BY THIS FIRM. THE INCLUSION OF THESE ABBREVIATIONS INTO THESE DOCUMENTS DOES NOT IMPLY THAT ALL THE ABBREVIATIONS ARE INCORPORATED INTO THIS PROJECT.

PLUMBING SYMBOLS

	COLD WATER PIPING		GATE VALVE
	HOT WATER PIPING		CHECK VALVE
	HOT WATER RECIRC PIPING		BALL VALVE
"F"	HOT WATER PIPING (TEMP)		GAS COCK VALVE
	VENT PIPING		GAS PRESSURE REGULATOR
W	WASTE PIPING		PRESSURE REDUCING VALVE
SAN	SANITARY WASTE PIPING		BALANCING VALVE
	WASTE PIPE, UNDERGROUND		BACKFLOW PREVENTER
ST	STORM PIPING		STRAINER
	STORM PIPING, UNDERGROUND		RELIEF VALVE
AW	ACID WASTE PIPE, UNGD		FLOOR DRAIN, ROUND
AW	ACID WASTE PIPE, UNGD		FLOOR DRAIN, SQUARE
G	GAS PIPING, LOW PRESSURE		FLEXIBLE PIPE CONNECTION
MG	GAS PIPING, MEDIUM PRESS	W	WATER METER
SSD	SUBSOIL DRAIN	G	GAS METER
	PIPE ELBOW DOWN		PIPE FLANGE
	PIPE ELBOW UP		CAP
	PIPE TEE, DOWN		DRIP POCKET
	PIPE TEE, UP	P	PRESSURE GAUGE
	HOSE BIB	T	TEMPERATURE GAUGE
	THERMOSTATIC BALANCING VALVE WITH CHECK AND SHUTOFFS		IN–LINE PUMP

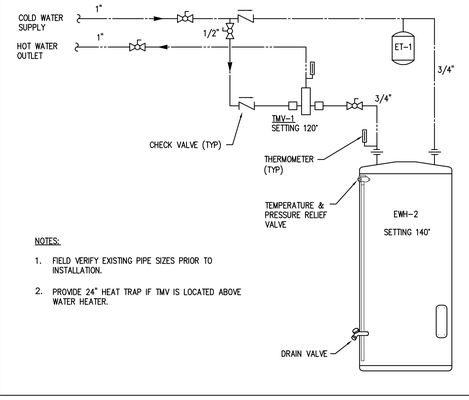
THIS LIST IS AN ALL INCLUSIVE MASTER LIST USED BY THIS FIRM. THE INCLUSION OF THESE SYMBOLS INTO THESE DOCUMENTS DOES NOT IMPLY THAT ALL THE SYMBOLS ARE INCORPORATED INTO THIS PROJECT.



NOTES:
1. RECIRCULATION PIPING SHALL BE IN ACCORDANCE WITH MIXING VALVE MANUFACTURER'S RECOMMENDATIONS.
2. PROVIDE 24" HEAT TRAP IF TMV IS LOCATED ABOVE WATER HEATER.

ELECTRIC WATER HEATER DETAIL 4

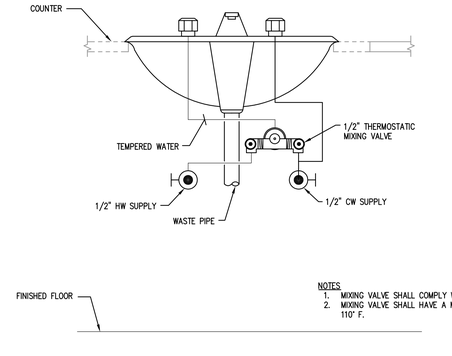
SCALE: NTS



NOTES:
1. FIELD VERIFY EXISTING PIPE SIZES PRIOR TO INSTALLATION.
2. PROVIDE 24" HEAT TRAP IF TMV IS LOCATED ABOVE WATER HEATER.

ELECTRIC WATER HEATER DETAIL 5

SCALE: NTS



NOTES
1. MIXING VALVE SHALL COMPLY WITH ASSE 1070.
2. MIXING VALVE SHALL HAVE A MAXIMUM SETTING OF 110° F.

LOCAL MIXING VALVE DETAIL (LAVS AND SINKS) 1

SCALE: NTS

Kluber Architects + Engineers
Kluber, Inc.
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Chicago, Illinois 60606
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www.kluberinc.com

KEN PICKERILL HOUSE RENOVATIONS

KENDALL COUNTY FOREST PRESERVE DISTRICT
110 W. MADISON STREET
YORKVILLE, IL 60560

ISSUED	
01/28/22	BID DOCUMENTS

JOB NO.	19-429-1250
DRAWN	BWG
CHECKED	DDW
APPROVED	DDW

SHEET TITLE

PLUMBING SCHEDULES, DETAILS & RISER DIAGRAMS

SHEET NUMBER

P410

P:\1250 - Kendall County Forest Preserve - Pickerill Estate House Conversion\30_Design\Dwgs\DD-CD\50_Plumb\1250PP410.dwg, 2/2/2022 8:17:20 AM, BWG

NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

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ABBREVIATIONS

SYMBOL	DESCRIPTION
A	
A	AMPS
AC	ABOVE COUNTER
AF	AMPERE FRAME/AMPERE FUSE
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AIC	AMPERE INTERRUPTING CURRENT
AT	AMPERE TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAGE
B	
BKR	BREAKER
BOL	BUILT-IN OVERLOAD
BWE	BAKED WHITE ENAMEL
BTU	BRITISH THERMAL UNIT
C	
C	CONDUIT
CATV	CABLE TELEVISION SYSTEM
C/B	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CU	COPPER
D	
DPDT	DOUBLE-POLE, DOUBLE-THROW
DPST	DOUBLE-POLE, SINGLE-THROW
DS	DOWNSPOUT
E	
EBH	ELECTRIC BASEBOARD HEATER
EC, E.C.	ELECTRICAL CONTRACTOR
ECH	ELECTRIC CABINET HEATER
EF	EXHAUST FAN
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
F	
F	FUSED
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FC	FUSE CLIP SIZE
FPB	FAN POWERED BOX
FBO	FURNISHED BY OTHERS
FLA	FULL LOAD AMPS
FLR	FLOOR
FPC	FIRE PROTECTION CONTRACTOR
FS	FLOAT SWITCH
FVNR	FULL-VOLTAGE, NON-REVERSING
G	
GC	GENERAL CONTRACTOR
GFI	GROUND FAULT CIRCUIT INTERRUPTER
GRD	GROUND
GRS	GALVANIZED RIGID STEEL
H	
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
HVAC	HEATING AND VENTILATING CONTRACTOR
HWGC	HEAVY WALL GALVANIZED CONDUIT
I	
IDF	INTERMEDIATE DISTRIBUTION FRAME
IG	ISOLATED GROUND
INC	INCANDESCENT
INT	INTEGRAL
IR	IN ROOM
IU	IN UNIT
J	
JB	JUNCTION BOX
K	
Kcmil	1000 CIRCULAR MILS
KV	KILOVOLT
KVA	KILOVOLT-AMPS
KVAR	KILOVOLT-AMPS REACTIVE
KW	KILOWATT
KWH	KILOWATT-HOUR
L	
LP	LOW PRESSURE
LV	LOW-VOLTAGE
LVT	LOW-VOLTAGE THERMOSTAT
M	
MAG	MAGNETIC MOTOR STARTER
MAN	MANUAL MOTOR STARTER W/THERMAL OVERLOAD PROTECTION
MC	MECHANICAL CONTRACTOR
MCA	MAXIMUM CURRENT AMPACITY
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MD	MOTORIZED DAMPER
MDF	MAIN DISTRIBUTION FRAME
MDP	MAIN DISTRIBUTION PANEL
MFR	MANUFACTURER
MH	METAL HALIDE
MLO	MAIN LUG ONLY
MNS	MASS NOTIFICATION SYSTEM
MOCP	MINIMUM OVERCURRENT PROTECTION
MS	MANUAL SWITCH
MSBD	MAIN SWITCH BOARD
MTD	MOUNTED
MUA	MAKE-UP AIR UNIT
N	
N/A	NOT APPLICABLE
N.C.	NORMALLY CLOSED
NF	NON-FUSED
N.I.C.	NOT IN CONTRACT
NL	NIGHT LIGHT
N.O.	NORMALLY OPEN
N.T.S., NTS	NOT TO SCALE
NU	NEAR UNIT
O	
O.H.	OVERHEAD
OU	ON UNIT
OCPD	OVERCURRENT PROTECTION DEVICE
P	
PB	PUSH BUTTON
PC	PLUMBING CONTRACTOR
PDU	POWER DISTRIBUTION UNIT
PH	PHASE
PNL	PANEL
PROVIDE	FURNISHED, INSTALLED, WIRED AND CONNECTED COMPLETE BY CONTRACTOR
PVC	POLYVINYL CONDUIT
PW	PRE-WIRED
Q	
QTY.	QUANTITY
R	
REQ'D	REQUIRED
RTU	ROOF TOP UNIT

SYMBOL	DESCRIPTION
S	
SC	SEPARATE CIRCUIT
SD	SMOKE DETECTOR
SF	SQUARE FEET
SPDT	SINGLE-POLE, DOUBLE-THROW
SPST	SINGLE-POLE, SINGLE-THROW
SS	STAINLESS STEEL
SW	SWITCH
SWBD	SWITCHBOARD
T	
T	THERMOSTAT
TELE	TELEPHONE
TC	TIME CLOCK
TCP	TEMPERATURE CONTROL PANEL
TS	TOGGLE SWITCH
TTB	TELEPHONE TERMINAL BOARD
TTC	TELEPHONE TERMINAL CABINET
TWU	THRU WALL AIR CONDITIONING UNIT
TYP.	TYPICAL
U	
UG	UNDERGROUND
UH	UNIT HEATER
UL	UNDERWRITERS LABORATORIES, INC.
U.N.O.	UNLESS NOTED OTHERWISE
UM	UNIT MANUFACTURER
UPS	UNINTERRUPTIBLE POWER SUPPLY
V	
V	VOLT
VA	VOLT-AMPERES
VAC	VOLT ALTERNATING CURRENT
VAV	VARIABLE AIR VOLUME
VFD	VARIABLE FREQUENCY DRIVE
W	
W	WATT
W/	WITH
W/O	WITHOUT
WG	WIRE GUARD
WP	WEATHER PROOF
X	
X	EXISTING EQUIPMENT
XFMR	TRANSFORMER
XP	EXPLOSION-PROOF
MISCELLANEOUS	
2-SP	TWO SPEED

THIS IS A MASTER LEGEND AND NOT ALL SYMBOLS, ABBREVIATIONS, ETC., ARE NECESSARILY USED IN THIS PROJECT.

ELECTRICAL SYMBOLS LIST

SYMBOL CEILING	SYMBOL WALL	SYMBOL FLOOR	DESCRIPTION
LUMINARIES			
			2X4 FLUORESCENT FIXTURE TYPE. SEE LIGHTING FIXTURE SCHEDULE. SHADING=NIGHT LIGHT
			2X2 FLUORESCENT FIXTURE TYPE. SEE LIGHTING FIXTURE SCHEDULE. NIGHT LIGHT AND EMERGENCY FIXTURE.
			FIXTURE WITH NORMAL/EMERGENCY LIGHTING TRANSFER DEVICE. SEE LIGHTING FIXTURE SCHEDULE.
			4' FLUORESCENT INDIRECT FIXTURE TYPE. SEE LIGHT FIXTURE SCHEDULE.
A/2a			4' FLUORESCENT STRIP FIXTURE TYPE. SEE LIGHT FIXTURE SCHEDULE. A= FIXTURE TYPE, 2= CIRCUIT ASSIGNMENT, a=SWITCH LEG
			DOWN LIGHT FIXTURE TYPE. SEE LIGHTING FIXTURE SCHEDULE.
A			TRACK LIGHT FIXTURE TYPE. SEE LIGHTING FIXTURE SCHEDULE.
			WALL MTD. FIXTURE TYPE. SEE LIGHTING FIXTURE SCHEDULE.
			SELF CONTAINED EMERGENCY BATTERY PACK W/ BATTERY BACK-UP SEE LIGHTING FIXTURE SCHEDULE.
			LED EXIT SIGN. ARROWS AS INDICATED. SEE LIGHTING FIXTURE SCHEDULE. WG= WIRE GUARD, PG= PLEXIGLASS SHIELD.
			EM/EXIT COMBO UNIT. SEE LIGHTING FIXTURE SCHEDULE.
	^{a}		SINGLE POLE TOGGLE SWITCH, 15A OR 20A AS REQUIRED. 120/277V a=SWITCHING CONTROL, P=PILOT LIGHT, K=KEYED SW., LV=LOW VOLTAGE
	$_{3}$		3-WAY TOGGLE SWITCH, 15A OR 20A AS REQUIRED. 120/277V 3=3 WAY DIMMER
	^{AC}		SINGLE POLE TOGGLE SWITCH, 15A OR 20A AS REQUIRED. 120/277V a=SWITCHING CONTROL, AC = ABOVE COUNTER
	^{E}		MOMENTARY CONTACT SWITCH FOR SHUT-OFF OF ELECTRICAL RECEPTACLES IN LAB CLASSROOMS
	$_{D}$		LIGHTING CONTROL DIMMER SWITCH. SIZE AS INDICATED.
	$_{MC}$		MOMENTARY CONTACT SWITCH.
	$_{I}$		ILLUMINATED SWITCH.
OS	$_{OS}$		VACANCY SENSOR SWITCH.
	$_{MC}$		LIGHTING MASTER CONTROLLER.
WIRING DEVICES & OUTLETS			
			SPECIAL PURPOSE SINGLE RECEPTACLE. @18"AFF MATCH CONFIGURATION TO EQUIPMENT.
			DUPLEX RECEPTACLE. 20A 125V 2P 3W GRD. NEMA5-20R. @18"AFF D=DEDICATED CIRCUIT. 1' =MTD. @48"AFF, OR @6" ABOVE COUNTER.
	WP		GFCI(GROUND FAULT CIRCUIT INTERRUPTER) PROTECTED RECEPTACLE. WP=WEATHER PROOF. 20A 125V 2P 3W GRD. NEMA5-20R. @18"AFF
			GFCI(GROUND FAULT CIRCUIT INTERRUPTER) PROTECTED RECEPTACLE MTD. @48"AFF, OR @6" ABOVE COUNTER.
			ISOLATED GROUND(IG) RECEPTACLE. @18"AFF 20A 125V 2P 3W GRD. NEMA5-20R OR AS SPECIFIED.
			DOUBLE DUPLEX RECEPTACLE. @18"AFF 20A 125V 2P 3W GRD. NEMA5-20R. PO=POP UP RECEPTACLE
			DOUBLE DUPLEX RECEPTACLE NEXT TO VIDEO OUTLET IN 2-GANG JBOX. REFER TO VIDEO OUTLET DETAIL. 20A 125V 2P 3W GRD. NEMA5-20R. @96"AFF
	PO / PO	PO	POP OPEN ENCLOSURE WITH GFCI(GROUND FAULT CIRCUIT INTERRUPTER) PROTECTED RECEPTACLE OR GFCI RECEPTACLE AND DATA JACK
	PD		PEDESTAL MOUNTED GFCI RECEPTACLE FOR COUNTERTOP
			FURNITURE RECEPTACLE. COORDINATE WITH FURNITURE OR CABINET MANUFACTURER. 20A 125V 2P 3W GRD. NEMA5-20R OR AS SPECIFIED.
	TP		TAMPER PROOF DUPLEX RECEPTACLE. 20A 125V 2P 3W GRD. @18" AFF D=DEDICATED CIRCUIT. 1' =MTD. @48"AFF, OR @6" ABOVE COUNTER.
			CEILING RECEPTACLE, DROP CORD, OR CORD REEL AS NOTED.
	▼	▽	TELEPHONE OUTLET @18"AFF. REFER TO COMMUNICATION OUTLET DETAIL W=PUBLIC WALL PHONE @54"AFF. 2V= 2 PHONE JACKS. ▼ =6" ABOVE COUNTER
	▽	▽	COMMUNICATIONS OUTLET @18"AFF. REFER TO COMMUNICATION OUTLET DETAIL. B = BLANK JACK. AV= AUDIO/VISUAL JACK, MIC= MICROPHONE JACK. ▽ = 6" ABOVE COUNTER, AUX = AUX. CONNECT. PO=POP UP LOW VOLTAGE SECTION. PD=PEDESTAL MOUNTED
	F		JUNCTION BOX FOR LOW VOLTAGE CONNECTION TO FURNITURE SEE SHEET E630 FOR DETAILS
			FLUSH MTD. FLOOR BOX AND RECEPTACLE. (COVER & CARPET FLANGE SELECTED BY ARCHITECT/OWNER)
		PD	STAINLESS STEEL PEDESTAL MTD. FLOOR BOX AND RECEPTACLE (SEE FLOOR PLANS FOR RECEPTACLE TYPE – I.E. GFI, SPECIAL, ETC.)
			FLUSH MTD. FLOOR BOX AND TELE/DATA OUTLET. (COVER & CARPET FLANGE SELECTED BY ARCHITECT/OWNER)
			MULTI-SERVICE STEEL RECESSED FLOOR BOX WITH DOUBLE DUPLEX RECEPTACLE AND LOW VOLTAGE CONNECTIONS (SEE "T" DRAWINGS) COVER & CARPET FLANGE SELECTED BY ARCHITECT/OWNER SEE SHEETS E630 AND E810 FOR BOXES LABELED "1", "2" AND "3".
			POKE THRU POWER. (SERVICE FITTING SELECTED BY ARCHITECT/OWNER)
			POKE THRU TELE/DATA (SERVICE FITTING SELECTED BY ARCHITECT/OWNER)
			POKE THRU COMBINATION POWER AND DATA (SEE PLANS FOR EXACT CONFIGURATIONS – SERVICE FITTING SELECTED BY ARCHITECT/OWNER) L = DENOTES LARGE POKE THRU
			POKE THRU COMBINATION POWER AND DATA – FINAL CONNECTION TO FURNITURE (SEE PLANS FOR EXACT CONFIGURATIONS – SERVICE FITTING SELECTED BY ARCHITECT/OWNER) L = DENOTES LARGE POKE THRU
	▼	PD	SPECIAL PURPOSE OUTLET, NEMA SIZE AS NOTED. PD = PEDESTAL MOUNTED, STAINLESS STEEL ENCLOSURE
	HO		POWER CONNECTION FOR OPTHALMOSCOPE. COORDINATE EXACT MOUNTING HEIGHT AND WIRING REQUIREMENTS WITH EQUIPMENT.
			MULTI-CHANNEL SURFACE RACEWAY @48"AFF OR @6" ABOVE COUNTER. RUN LENGTH AS SHOWN ON PLANS W/RECEP. 6" ON CENTER, U.N.O.
	EBB		ELECTRIC BASEBOARD HEATER
			SCIENCE STATION. COMBINATION AC/DC OUTLET AND JACKS. FIXED AND VARIABLE CIRCUITS AS INDICATED.
	UC		UTILITY CONTROLLER
		TS	JUNCTION BOX TS = TOMBSTONE TYPE
	HD		HAND DRYER. PROVIDE TOGGLE 30A/1P DISCONNECT SWITCH ABOVE ACCESSIBLE CEILING.
PB	PB	PB	PULL BOX. SIZE AS NOTED.
	P		POWER/TELEPHONE/DATA POLE OR MULTI CHANNEL METAL RACEWAY VERTICAL RUN. REFER TO DRAWINGS & DETAILS.
	C		ELECTRICALLY HELD LIGHTING CONTACTOR. SIZE, COIL VOLTAGE, AND NUMBER OF POLES AS INDICATED.
	TC		ELECTRONIC TIME CLOCK.
	PP		POWER POLE
	PC		PHOTOCELL.
			FLEXIBLE CONDUIT CONNECTION.
			WIRING IN CONDUIT CONCEALED ABOVE CEILING, IN WALL AND UNDER FLOOR OR UNDERGROUND.
			WIRING IN CONDUIT EXPOSED ON CEILING OR WALL.
			BRANCH CIRCUIT WIRING IN CONDUIT HOMERUN TO PANEL. ONE ARROW PER HOMERUN. SLASHES INDICATE NUMBER OF CONDUCTORS.
			INDICATES GROUND CONDUCTOR.
			INDICATES ISOLATED GROUND CONDUCTOR.

SYMBOL CEILING	SYMBOL WALL	SYMBOL FLOOR	DESCRIPTION
POWER EQUIPMENT & DEVICES			
	$_{T}$		MANUAL MOTOR STARTER OR 1P DISCONNECT SWITCH WITH THERMAL OVERLOAD PROTECTION.
	$_{SC}$		SPEED CONTROL SWITCH FURNISHED BY MECHANICAL CONTRACTOR, INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.
			UP/DOWN/STOP PUSHBUTTON CONTROL STATION.
			SAFETY SWITCH. N=NON-FUSED (AMPS/POLES/ENCLOSURE). F=FUSED (AMPS/FUSE/POLES/ENCLOSURE).
			MAGNETIC MOTOR STARTER. NEMA SIZE AS NOTED.
			COMBINATION MAGNETIC MOTOR STARTER AND FUSED DISCONNECT SW. (AMPS/FUSE/POLES/NEMA SIZE).
	HP	HP	MOTOR. HP= HORSE-POWER RATING.
			ELECTRIC HEAT OUTLET
	DO		DOOR OPENER
			PANEL 240V & BELOW.
			PANEL ABOVE 240V.
T	T	T	TRANSFORMER. TYPE AND RATINGS ARE AS SHOWN.
	RAP		GENERATOR REMOTE ANNUNCIATOR PANEL.
	CP		EQUIPMENT CONTROL PANEL
			CEILING FAN
FIRE ALARM, EMERGENCY EVACUATION/COMMUNICATION SYSTEM			
	FACP		FIRE ALARM CONTROL PANEL.
	FAAP		FIRE ALARM ANNUNCIATOR PANEL.
	NAC		FIRE ALARM NOTIFICATION APPLIANCE CIRCUIT BOOSTER PANEL.
	F		FIRE ALARM PULL STATION. @48"AFF
V C	V		FIRE ALARM STROBE LIGHT. NUMBER INDICATES CANDELA LEVEL. (110cd UNLESS NOTED OTHERWISE) @80"AFF
V C	V		FIRE ALARM HORN/STROBE COMBINATION. @80"AFF NUMBER INDICATES CANDELA LEVEL (110cd UNLESS NOTED OTHERWISE)
S C	S		FIRE ALARM SPEAKER/STROBE COMBINATION. @80"AFF NUMBER INDICATES CANDELA LEVEL (110cd UNLESS NOTED OTHERWISE)
	SD		SMOKE DETECTOR. E=ELEVATOR RECALL.
	HD 135°	HD 135°	HEAT DETECTOR. NUMBER=TEMP. RATING, RR=RATE OF RISE.
	DD		FIRE ALARM DUCT SMOKE DETECTOR WITH FAN SHUT DOWN RELAY.
	RT		REMOTE INDICATING LIGHT WITH TEST SWITCH.
R	R		PROGRAMMABLE FAN SHUT DOWN RELAY.
	FS		SPRINKLER ALARM FLOW SWITCH. FURNISHED BY DIV. 21, WIRED BY E.C.
	TS		SPRINKLER ALARM TAMPER SWITCH. FURNISHED BY DIV. 21, WIRED BY E.C.
Z S	Z S		MONITOR/CONTROL MODULE. S=SINGLE POINT MONITOR MODULE, D=DUAL POINT, C=CONTROL MODULE.
	DH F		MAGNETIC DOOR HOLDER FOR FIRE ALARM SYSTEM. W=WALL, F=FLOOR.
	B		SPRINKLER BELL. WP=WEATHER PROOF.
EOL	EOL		END OF LINE RESISTOR.
			FIRE FIGHTERS HAT.
	ANSUL		ANSUL SYSTEM.
SECURITY & SIGNALING SYSTEM			
CCTV	CCTV		CCTV CAMERA. WP=WEATHER PROOF.
	M		SECURITY MONITOR.
M9	M9		MOTION SENSOR. B=BROAD BEAM, L=LONG RANGE BEAM.
	DB		DURESS BUTTON. D=DESK, W=WALL, F=FLOOR.
	DO		AUTOMATIC DOOR OPENER. WP=WEATHER PROOF.
PACS	PACS		PHYSICAL ACCESS CONTROL PANEL (PACS)
IDCP	IDCP		INTRUSION DETECTION CONTROL PANEL (IDCP)
	CR		PROXIMITY READER. DOUBLE GANG JUNCTION BOX WITH SINGLE GANG PLASTER RING AND 3/4"C TO INDOOR ACCESSIBLE CEILING SPACE.
	DC		MAGNETIC DOOR CONTACT SWITCH.
	DS		ELECTRIC DOOR STRIKE.
	B		DOOR BELL/CHIME/BUZZER
PC			DURESS JUNCTION BOX
	KP		KEY PAD
			DOOR RELEASE BUTTON
	HDI		DURESS INDICATOR LIGHT
CRIU	CRIU		CARD READER INTERFACE UNIT – ABOVE ACCESSIBLE CEILING
	MSKP		MASTER SECURITY KEY PAD
	EL		ELECTRIC LATCH RETRACTION IN PANIC DEVICE
	PSU		120 VOLT POWER SUPPLY UNIT FOR DOOR CONTROL
	DCP DAP		DURESS CONTROL PANEL AND DURESS ACCESS PANEL

SYMBOL CEILING	SYMBOL WALL	SYMBOL FLOOR	DESCRIPTION
MOUNTING HEIGHT			
			FIRE ALARM PULL STATION 48" STROBES 80"
			FIRE ALARM BELLS(EXTERIOR) 12'-0" FACP & FAAP 48"
			EXIT SIGNS(BOTTOM) 80" TV OUTLET 18"
			INTERCOM 48" PHOTOCELL 12'-0"
			RECEPTACLE(CENTERLINE) 18" RECEPTACLE(EXTERIOR) 24"
			RECEPTACLE(WAREHOUSE) 30" TELEPHONE OUTLET(PUBLIC) 54"
			TELEPHONE OUTLET 18" SWITCH 48"
			SAFETY SWITCHES 48" PANELS(TOP) 72"
			CLOCK(CENTERLINE) 96" VIDEO OUTLET 96"
MISCELLANEOUS			
	RTU 1		HVAC EQUIPMENT IDENTIFICATION
	16.00		KEYNOTE IDENTIFICATION
	1 E7.1 DETAIL NUMBER DRAWING NUMBER		DETAIL IDENTIFICATION
DEMOLITION			
			N — NEW DEVICE OR EQUIPMENT.
			D — EXISTING ELECTRICAL OUTLET OR EQUIPMENT TO BE DEMOLISHED COMPLETE INCLUDING BRANCH CIRCUITRY TO SOURCE.
			X — EXISTING ELECTRICAL OUTLET OR EQUIPMENT TO REMAIN. (CIRCUIT # = REROUTE EXISTING CIRCUIT TO NEW CIRCUIT NUMBER)
			R — EXISTING ELECTRICAL OUTLET OR EQUIPMENT RELOCATED. (NEW LOCATION)
			XR — EXISTING ELECTRICAL OUTLET OR EQUIPMENT TO BE REMOVED & RELOCATED(OLD LOCATION).

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KEN PICKERILL HOUSE RENOVATIONS

KENDALL COUNTY FOREST PRESERVE DISTRICT
110 W. MADISON STREET
YORKVILLE, IL 60560

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01/28/22

JOB NO.	19-429-1250
DRAWN	ATR
CHECKED	MTK
APPROVED	MTK

SHEET TITLE

ELECTRICAL SYMBOLS LIST & ABBREVIATIONS

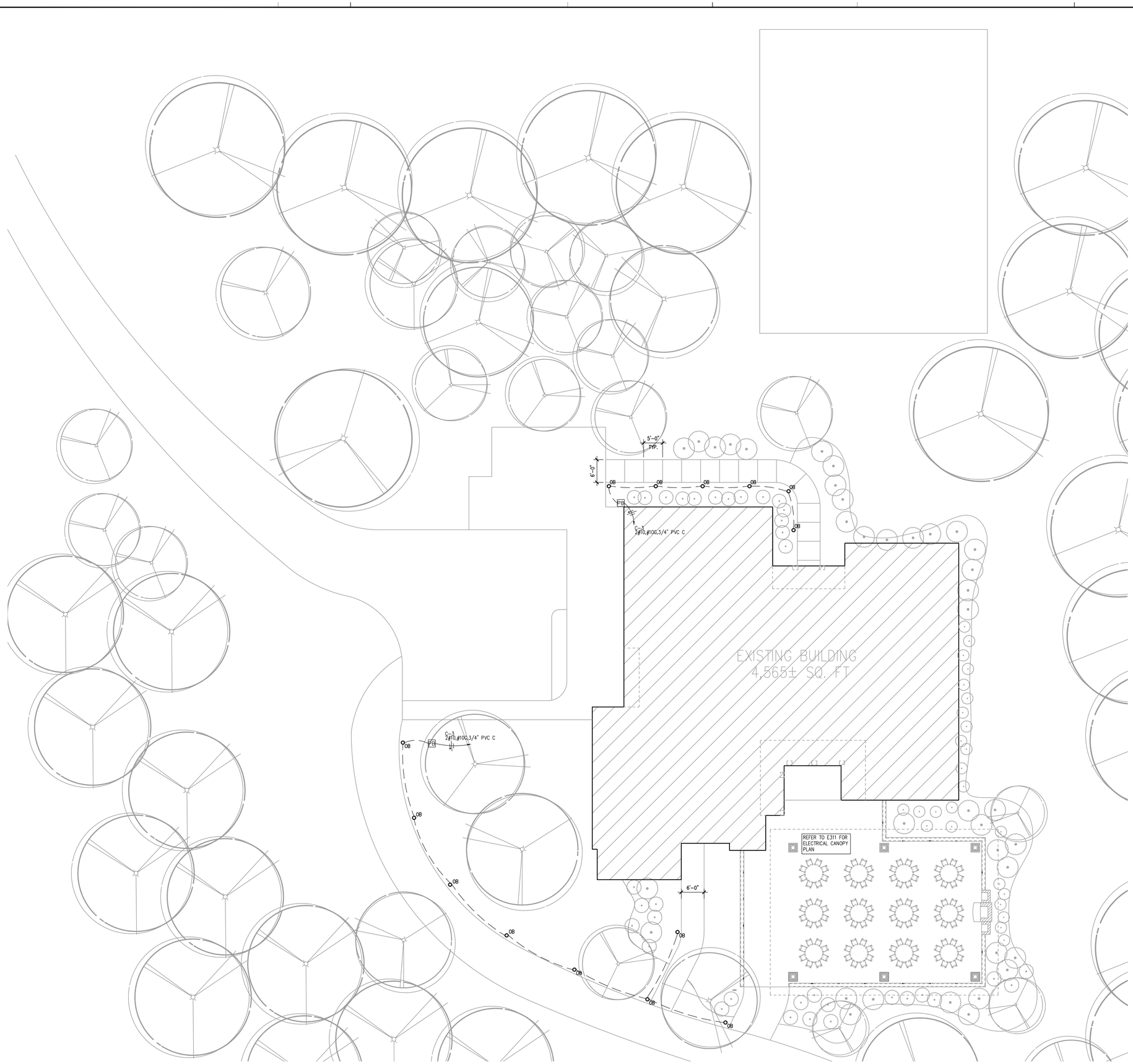
SHEET NUMBER

E050

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NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

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ELECTRICAL SITE PLAN

SCALE: 1" = 10'-0"

1

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.

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01/28/22 BID DOCUMENTS

JOB NO.	19-429-1250
DRAWN	ATR
CHECKED	MTK
APPROVED	MTK

SHEET TITLE

ELECTRICAL SITE PLAN

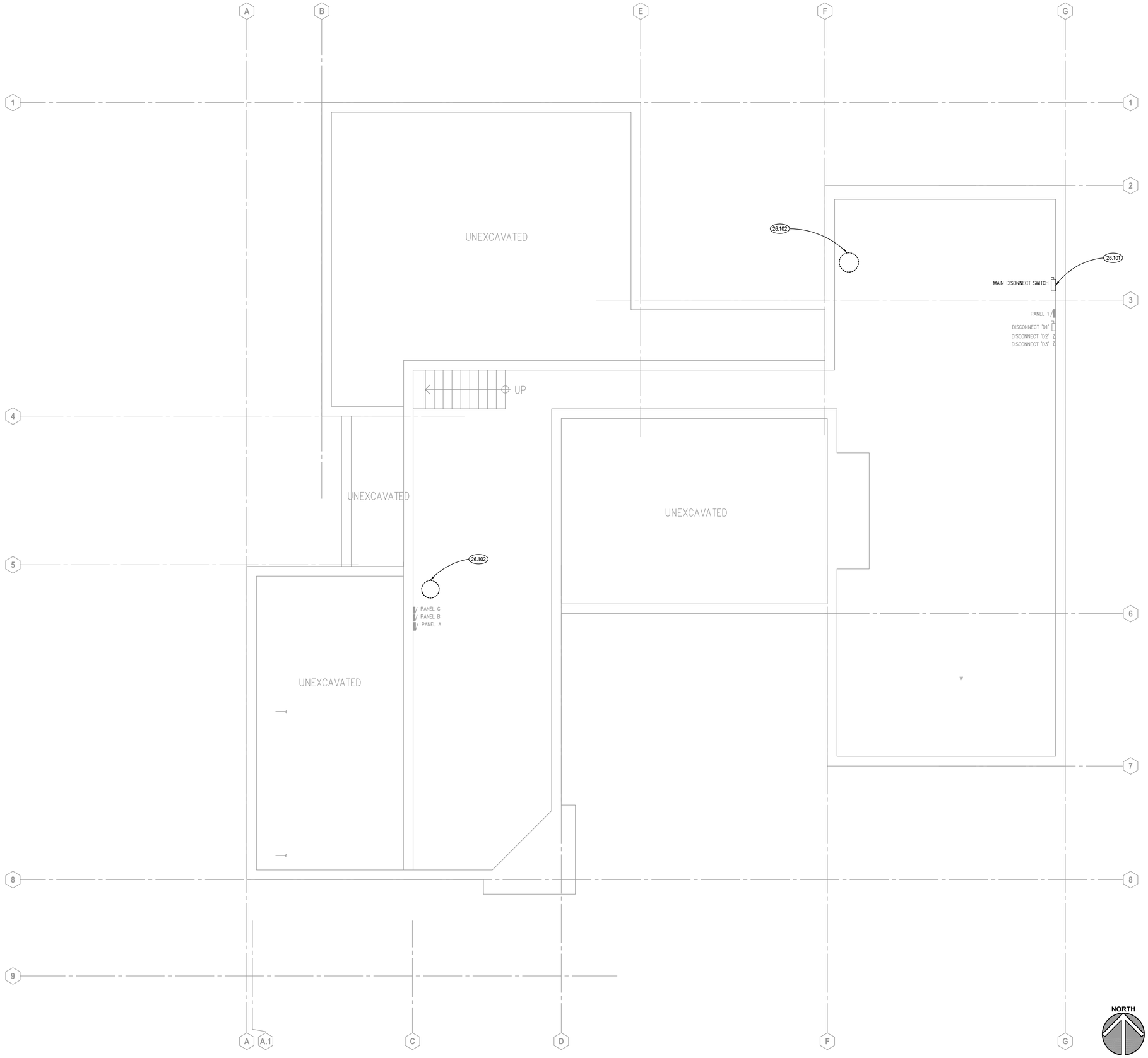
SHEET NUMBER

E100

NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

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BASEMENT ELECTRICAL DEMOLITION PLAN (1)

SCALE: 1/4" = 1'-0"

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

26.101 DEMOLISH EXISTING MAIN DISCONNECT SWITCH. PROTECT EXISTING FEEDERS TO BE REUSED FOR NEW DISTRIBUTION PANEL.

26.102 DEMOLISH EXISTING ELECTRICAL CONNECTION TO ELECTRIC WATER HEATER TO BE REPLACED.

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. INTENT OF DRAWINGS: THESE DRAWINGS ARE INTENDED TO RELAY TO CONTRACTOR A DESIGN INTENT. INCLUDE IN BID ALL LABOR AND MATERIALS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM AS REASONABLY INFERABLE, AS DETERMINED BY ARCHITECT, TO ACCOMPLISH THE INTENT OF THESE DRAWINGS.
3. REFER TO ARCHITECTURAL, PLUMBING, AND MECHANICAL PLANS, SHOP DRAWINGS AND MANUFACTURERS INSTALLATION INSTRUCTIONS FOR ADDITIONAL INFORMATION ON EXACT POWER, WIRING & ROUGH-IN REQUIREMENTS AND LOCATIONS OF DEVICES.
4. UNLESS NOTED OTHERWISE, ALL HOMERUNS SHALL CONSIST OF A MAXIMUM OF 2 CIRCUITS (PHASE A & B, NEUTRAL & GROUND) IN 1/2"C. MINIMUM WIRE SIZE SHALL BE #12 AWG. WIRE SIZE FOR HOMERUN CIRCUITS SHALL BE 2#12, 1#12N & 1#12G.).
5. SECURE ALL JUNCTION BOXES TO BUILDING STRUCTURE PER NEC REQUIREMENTS.

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SHEET TITLE

BASEMENT ELECTRICAL DEMOLITION PLAN

SHEET NUMBER

E200

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FIRST FLOOR ELECTRICAL DEMOLITION PLAN

SCALE: 1/4" = 1'-0" (1)

NORTH

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

26.103 AREA OF TOTAL DEMOLITION. DEMOLISH ALL ELECTRICAL DEVICES WITHIN THIS AREA, INCLUDING BUT NOT LIMITED TO: RECEPTACLES, LUMINAIRES, SWITCHES, CONNECTIONS TO EQUIPMENT.
26.104 DISCONNECT AND PROTECT EXISTING BRANCH CIRCUITRY FOR LIGHTING TO BE REPLACED.
26.105 EXISTING KITCHEN ISLAND TO BE DEMOLISHED. DEMOLISH ALL ELECTRICAL CONNECTIONS TO STOVE TOP, RECEPTACLES, DISHWASHER AND ALL OTHER ELECTRICAL FIXTURES.

ROOM SCHEDULE

RM. NO.	ROOM NAME	RM. NO.	ROOM NAME
105	EXISTING BEDROOM		
106	EXISTING BATHROOM		
107	EXISTING LIVING ROOM		
108	EXISTING STORAGE		
109	EXISTING STORAGE		
110	EXISTING CORRIDOR		
111	EXISTING BATHROOM		
112	EXISTING JANITOR'S CLOSET		
113	EXISTING DINING ROOM		
114	EXISTING KEEPING ROOM		
115	EXISTING PANTRY		
116	EXISTING KITCHENETTE		
117	EXISTING VESTIBULE		
118	EXISTING FOYER		
119	EXISTING GARAGE		
120	EXISTING STORAGE		

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. INTENT OF DRAWINGS: THESE DRAWINGS ARE INTENDED TO RELAY TO CONTRACTOR A DESIGN INTENT. INCLUDE IN BID ALL LABOR AND MATERIALS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM AS REASONABLY INFERABLE, AS DETERMINED BY ARCHITECT, TO ACCOMPLISH THE INTENT OF THESE DRAWINGS.
3. REFER TO ARCHITECTURAL, PLUMBING, AND MECHANICAL PLANS, SHOP DRAWINGS AND MANUFACTURERS INSTALLATION INSTRUCTIONS FOR ADDITIONAL INFORMATION ON EXACT POWER, WIRING & ROUGH-IN REQUIREMENTS AND LOCATIONS OF DEVICES.
4. UNLESS NOTED OTHERWISE, ALL HOMERUNS SHALL CONSIST OF A MAXIMUM OF 2 CIRCUITS (PHASE A & B, NEUTRAL & GROUND) IN 1/2"C. MINIMUM WIRE SIZE SHALL BE #12 AWG. WIRE SIZE FOR HOMERUN CIRCUITS SHALL BE 2#12, 1#12N & 1#12G.).
5. SECURE ALL JUNCTION BOXES TO BUILDING STRUCTURE PER NEC REQUIREMENTS.

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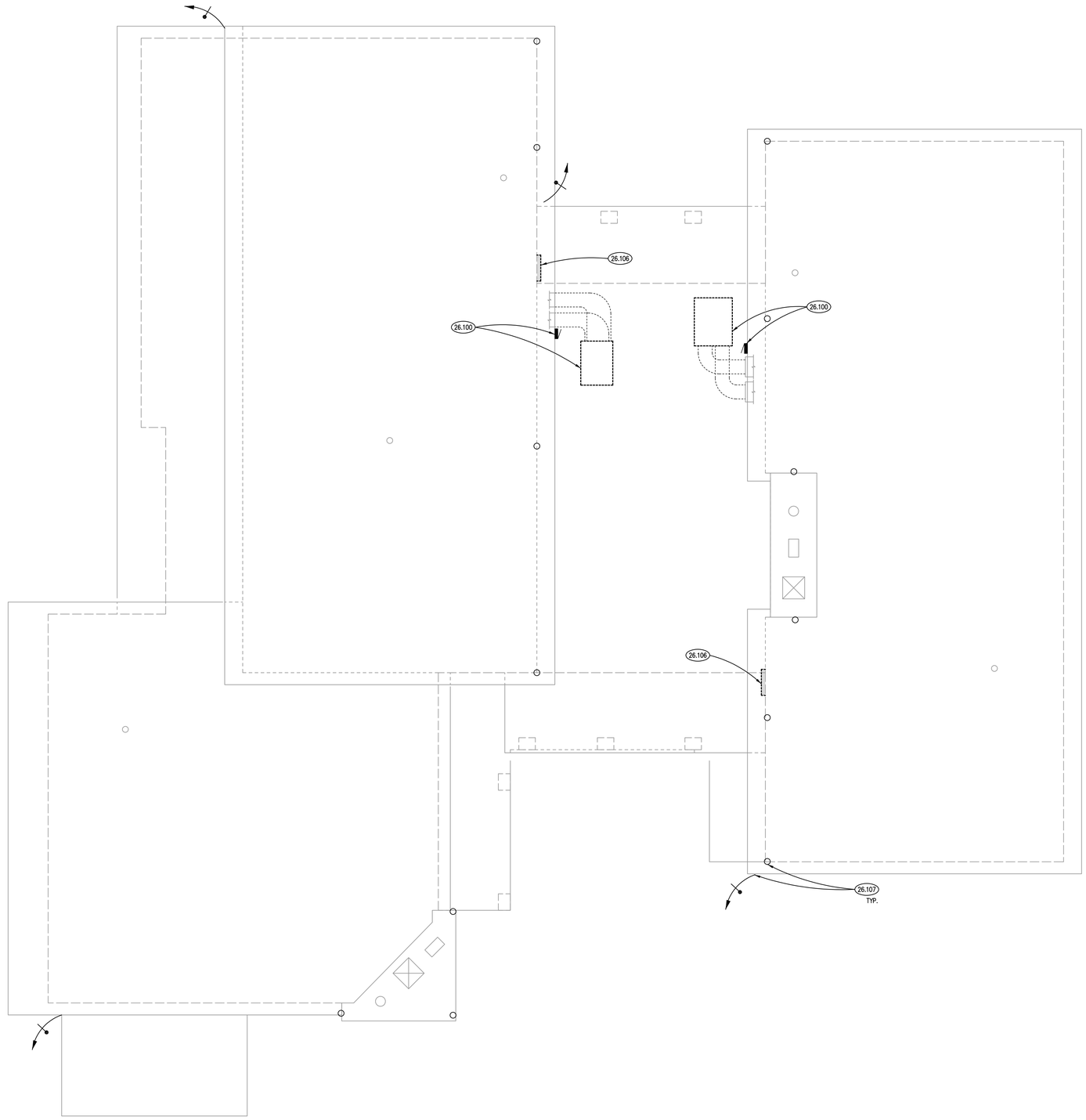
SHEET TITLE
FIRST FLOOR ELECTRICAL DEMOLITION PLAN

SHEET NUMBER
E210

NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

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NORTH

ELECTRICAL DEMOLITION ROOF PLAN (1)

SCALE: 1/4" = 1'-0"

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

26.100 DEMOLISH ELECTRICAL CONNECTION TO EXISTING ROOFTOP UNIT TO BE REMOVED AND REPLACED. DEMOLISH ASSOCIATED SUB-PANEL. DISCONNECT AND PROTECT EXISTING FEEDERS FOR REUSE FOR NEW ROOFTOP UNIT TO BE INSTALLED.
26.106 DISCONNECT AND PROTECT EXISTING BRANCH CIRCUITRY FOR ATTIC EXHAUST FAN.
26.107 DISCONNECT AND PROTECT EXISTING LIGHTNING PROTECTION SYSTEM AS REQUIRED FOR ROOF REPLACEMENT. FIELD VERIFY EXISTING AIR TERMINAL LOCATIONS. RESTORE SYSTEM UPON COMPLETION OF ROOF REPLACEMENT.

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. INTENT OF DRAWINGS: THESE DRAWINGS ARE INTENDED TO RELAY TO CONTRACTOR A DESIGN INTENT. INCLUDE IN BID ALL LABOR AND MATERIALS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM AS REASONABLY INFERABLE, AS DETERMINED BY ARCHITECT, TO ACCOMPLISH THE INTENT OF THESE DRAWINGS.
3. REFER TO ARCHITECTURAL, PLUMBING, AND MECHANICAL PLANS, SHOP DRAWINGS AND MANUFACTURERS INSTALLATION INSTRUCTIONS FOR ADDITIONAL INFORMATION ON EXACT POWER, WIRING & ROUGH-IN REQUIREMENTS AND LOCATIONS OF DEVICES.
4. UNLESS NOTED OTHERWISE, ALL HOMERUNS SHALL CONSIST OF A MAXIMUM OF 2 CIRCUITS (PHASE A & B, NEUTRAL & GROUND) IN 1/2"C. MINIMUM WIRE SIZE SHALL BE #12 AWG. WIRE SIZE FOR HOMERUN CIRCUITS SHALL BE 2#12, 1#12N & 1#12G.).
5. SECURE ALL JUNCTION BOXES TO BUILDING STRUCTURE PER NEC REQUIREMENTS.

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DRAWN	ATR
CHECKED	MTK
APPROVED	MTK

SHEET TITLE

ELECTRICAL DEMOLITION ROOF PLAN

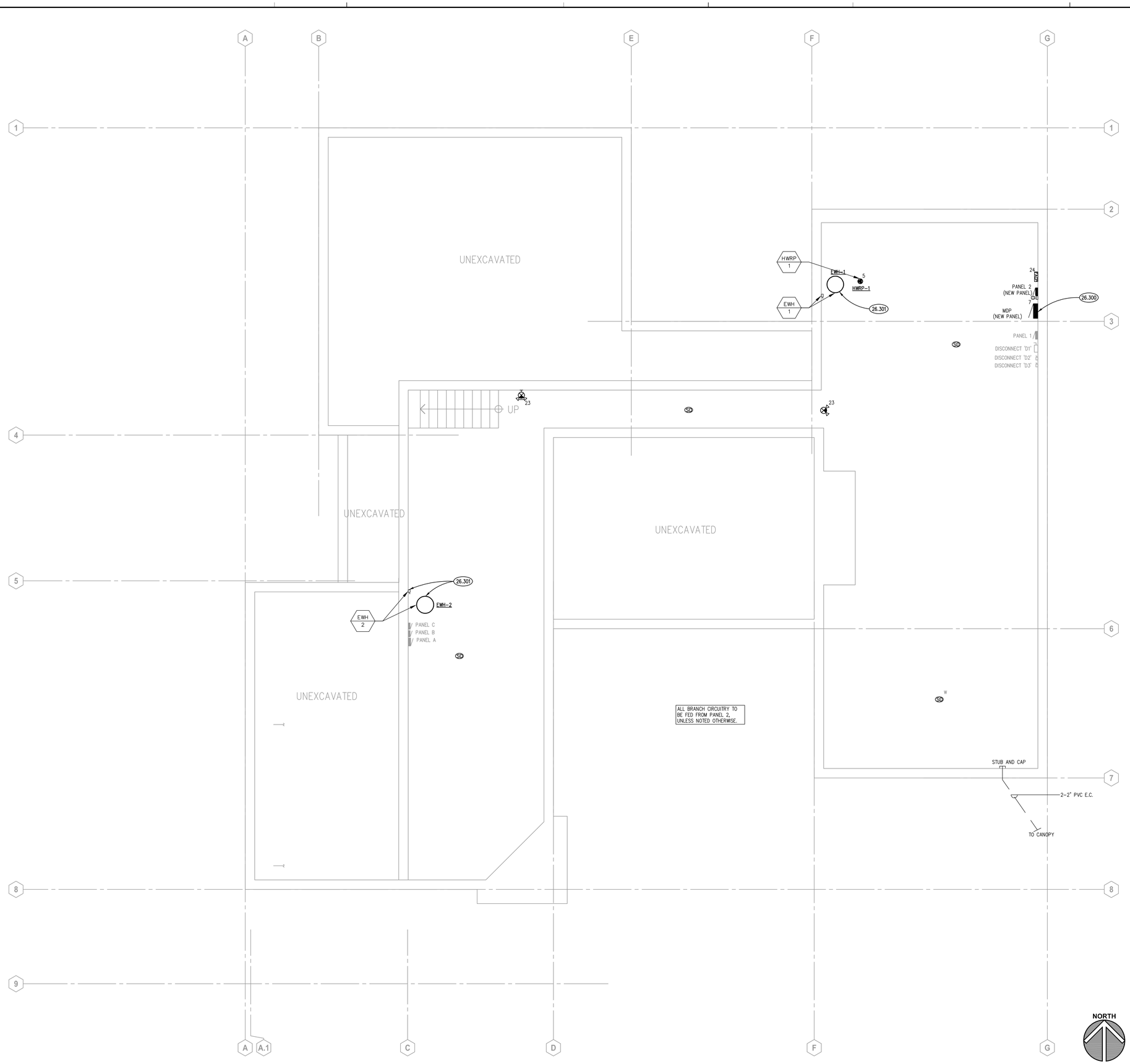
SHEET NUMBER

E230

NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

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BASEMENT ELECTRICAL PLAN (1)

SCALE: 1/4" = 1'-0"

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

26.300 FIELD VERIFY EXISTING LOADS FED FROM MAIN DISCONNECT SWITCH PRIOR TO ORDER OF MAIN DISTRIBUTION PANEL. TRACE AND IDENTIFY ALL EXISTING LOADS. NOTIFY ENGINEER OF DEVIATIONS. PROVIDE NEW CIRCUIT BREAKERS AND EXTEND EXISTING BRANCH CIRCUITRY TO NEW MDP FOR ALL EXISTING LOADS TO REMAIN.

26.301 PROVIDE NEW ELECTRICAL CONNECTION TO ELECTRIC WATER HEATER. HOMERUN 2#10,#10G,3/4"C.

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. INTENT OF DRAWINGS: THESE DRAWINGS ARE INTENDED TO RELAY TO CONTRACTOR A DESIGN INTENT. INCLUDE IN BID ALL LABOR AND MATERIALS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM AS REASONABLY INFERABLE, AS DETERMINED BY ARCHITECT, TO ACCOMPLISH THE INTENT OF THESE DRAWINGS.
3. REFER TO ARCHITECTURAL, PLUMBING, AND MECHANICAL PLANS, SHOP DRAWINGS AND MANUFACTURERS INSTALLATION INSTRUCTIONS FOR ADDITIONAL INFORMATION ON EXACT POWER, WIRING & ROUGH-IN REQUIREMENTS AND LOCATIONS OF DEVICES.
4. UNLESS NOTED OTHERWISE, ALL HOMERUNS SHALL CONSIST OF A MAXIMUM OF 2 CIRCUITS (PHASE A & B, NEUTRAL & GROUND) IN 1/2"C. MINIMUM WIRE SIZE SHALL BE #12 AWG. WIRE SIZE FOR HOMERUN CIRCUITS SHALL BE 2#12, 1#12N & 1#12G.).
5. SECURE ALL JUNCTION BOXES TO BUILDING STRUCTURE PER NEC REQUIREMENTS.

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KEN PICKERILL HOUSE RENOVATIONS

KENDALL COUNTY FOREST PRESERVE DISTRICT
110 W. MADISON STREET
YORKVILLE, IL 60560

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01/28/22 BID DOCUMENTS

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DRAWN	ATR
CHECKED	MTK
APPROVED	MTK

SHEET TITLE

BASEMENT ELECTRICAL PLAN

SHEET NUMBER

E300

NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

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FIRST FLOOR ELECTRICAL PLAN (1)

SCALE: 1/4" = 1'-0"

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

26.100 DEMOLISH ELECTRICAL CONNECTION TO EXISTING ROOFTOP UNIT TO BE REMOVED AND REPLACED. DEMOLISH ASSOCIATED SUB-PANEL. DISCONNECT AND PROTECT EXISTING FEEDERS FOR REUSE FOR NEW ROOFTOP UNIT TO BE INSTALLED.

26.204 FIELD VERIFY EXISTING LUMINAIRES' LAMP TYPE. PROVIDE NEW LED REPLACEMENT LAMP FOR LUMINAIRE.

26.302 EXISTING FLOOR MOUNTED RECEPTACLE. PROVIDE NEW CARPET COVER ASSEMBLY (BASIS OF DESIGN: LEGRAND RFB119CTGY).

26.400 UNLESS NOTED OTHERWISE - EXTEND EXISTING WIRING TO NEW LIGHTING FIXTURE AS REQUIRED TO ENSURE A COMPLETE AND OPERATIONAL SYSTEM.

26.402 PROVIDE NEW TRACK LIGHTING LUMINAIRE IN VESTIBULE. LOCATE AND EXTEND EXISTING LIGHTING BRANCH CIRCUITRY TO NEW LIGHTING TO BE INSTALLED. PROVIDE OCCUPANCY SENSOR AND SWITCHING AS SHOWN FOR NEW LIGHTING.

ROOM SCHEDULE

RM. NO.	ROOM NAME	RM. NO.	ROOM NAME
100	NOT USED	120	EXISTING STORAGE
101	NOT USED		
107	EXISTING LIVING ROOM		
108	EXISTING STORAGE		
109	EXISTING STORAGE		
110	EXISTING CORRIDOR	203.1	EXISTING CLOSET
111	EXISTING BATHROOM		
112	EXISTING JANITOR'S CLOSET		
113	EXISTING DINING ROOM		
114	EXISTING KEEPING ROOM		
115	EXISTING PANTRY		
116	EXISTING KITCHEN		
117	EXISTING VESTIBULE		
118	EXISTING FOYER		
119	EXISTING GARAGE		

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
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4. UNLESS NOTED OTHERWISE, ALL HOMERUNS SHALL CONSIST OF A MAXIMUM OF 2 CIRCUITS (PHASE A & B, NEUTRAL & GROUND) IN 1/2"C. MINIMUM WIRE SIZE SHALL BE #12 AWG. WIRE SIZE FOR HOMERUN CIRCUITS SHALL BE 2#12, 1#12N & 1#12G.).
5. SECURE ALL JUNCTION BOXES TO BUILDING STRUCTURE PER NEC REQUIREMENTS.

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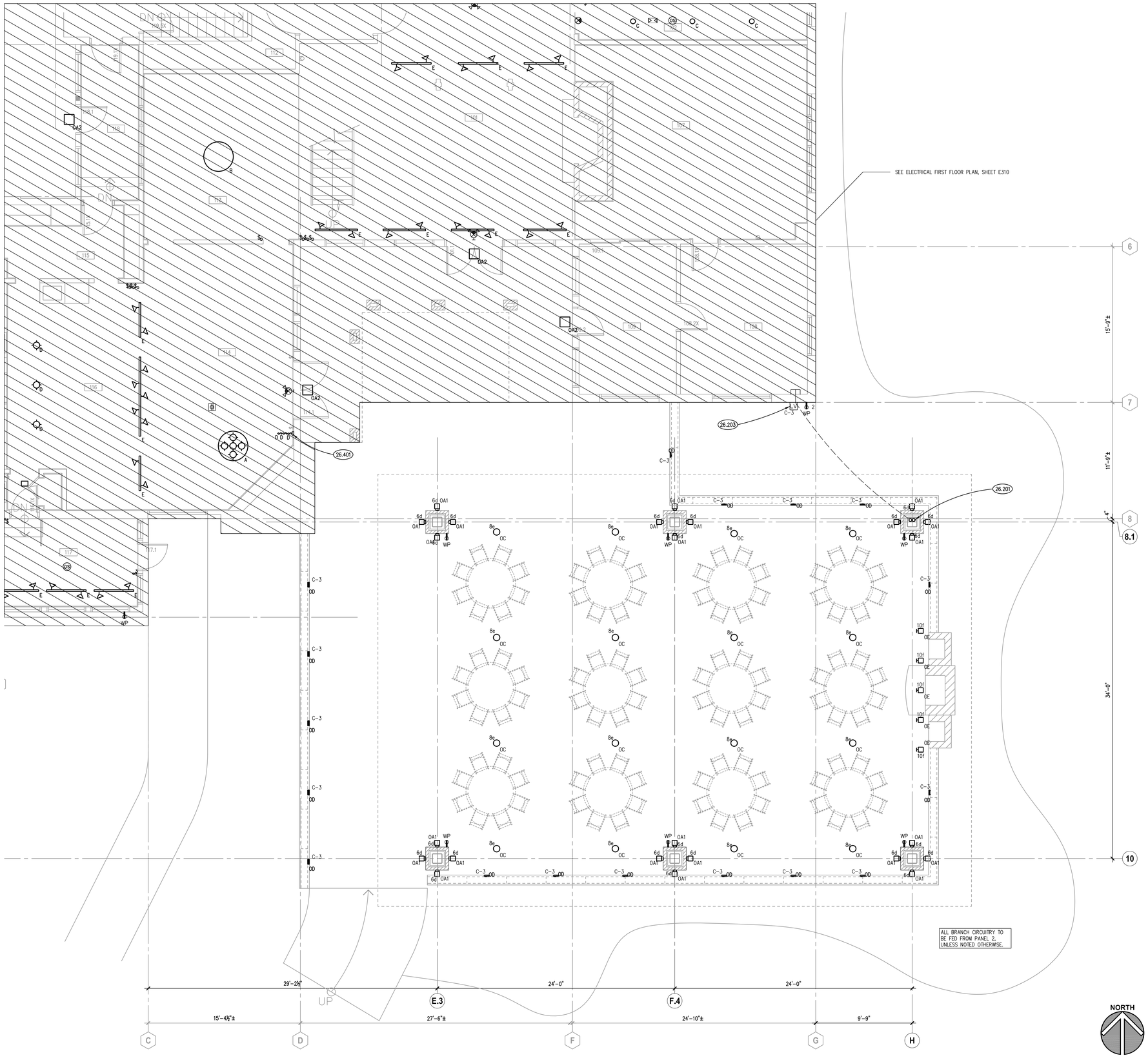
SHEET TITLE
FIRST FLOOR ELECTRICAL PLAN

SHEET NUMBER
E310

NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

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ELECTRICAL CANOPY & PATIO PLAN (1)

SCALE: 1/4" = 1'-0"

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVNG THE SAME APPEARANCE WITHIN THE SAME DETAIL.

26.201 PROVIDE QTY. 2, 2" PVC E.C. FOR FUTURE SOLAR PV FROM CANOPY ATTIC SPACE TO BUILDING BASEMENT. STUB AND CAP AT EACH END. COORDINATE EXACT CONDUIT SIZE AND QUANTITY REQUIRED WITH OWNER'S SOLAR PV CONSULTANT PRIOR TO ROUGH-IN AND INSTALLATION.

26.203 LOW VOLTAGE TRANSFORMER FOR HARDSCAPE LIGHTING.

26.401 CANOPY LIGHTING MANUAL DIMMING CONTROL.

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. INTENT OF DRAWINGS: THESE DRAWINGS ARE INTENDED TO RELAY TO CONTRACTOR A DESIGN INTENT. INCLUDE IN BID ALL LABOR AND MATERIALS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM AS REASONABLY INFERABLE, AS DETERMINED BY ARCHITECT, TO ACCOMPLISH THE INTENT OF THESE DRAWINGS.
3. REFER TO ARCHITECTURAL, PLUMBING, AND MECHANICAL PLANS, SHOP DRAWINGS AND MANUFACTURERS INSTALLATION INSTRUCTIONS FOR ADDITIONAL INFORMATION ON EXACT POWER, WIRING & ROUGH-IN REQUIREMENTS AND LOCATIONS OF DEVICES.
4. UNLESS NOTED OTHERWISE, ALL HOMERUNS SHALL CONSIST OF A MAXIMUM OF 2 CIRCUITS (PHASE A & B, NEUTRAL & GROUND) IN 1/2"C. MINIMUM WIRE SIZE SHALL BE #12 AWG. WIRE SIZE FOR HOMERUN CIRCUITS SHALL BE 2#12, 1#12N & 1#12G.).
5. SECURE ALL JUNCTION BOXES TO BUILDING STRUCTURE PER NEC REQUIREMENTS.

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YORKVILLE, IL 60560

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APPROVED	MTK

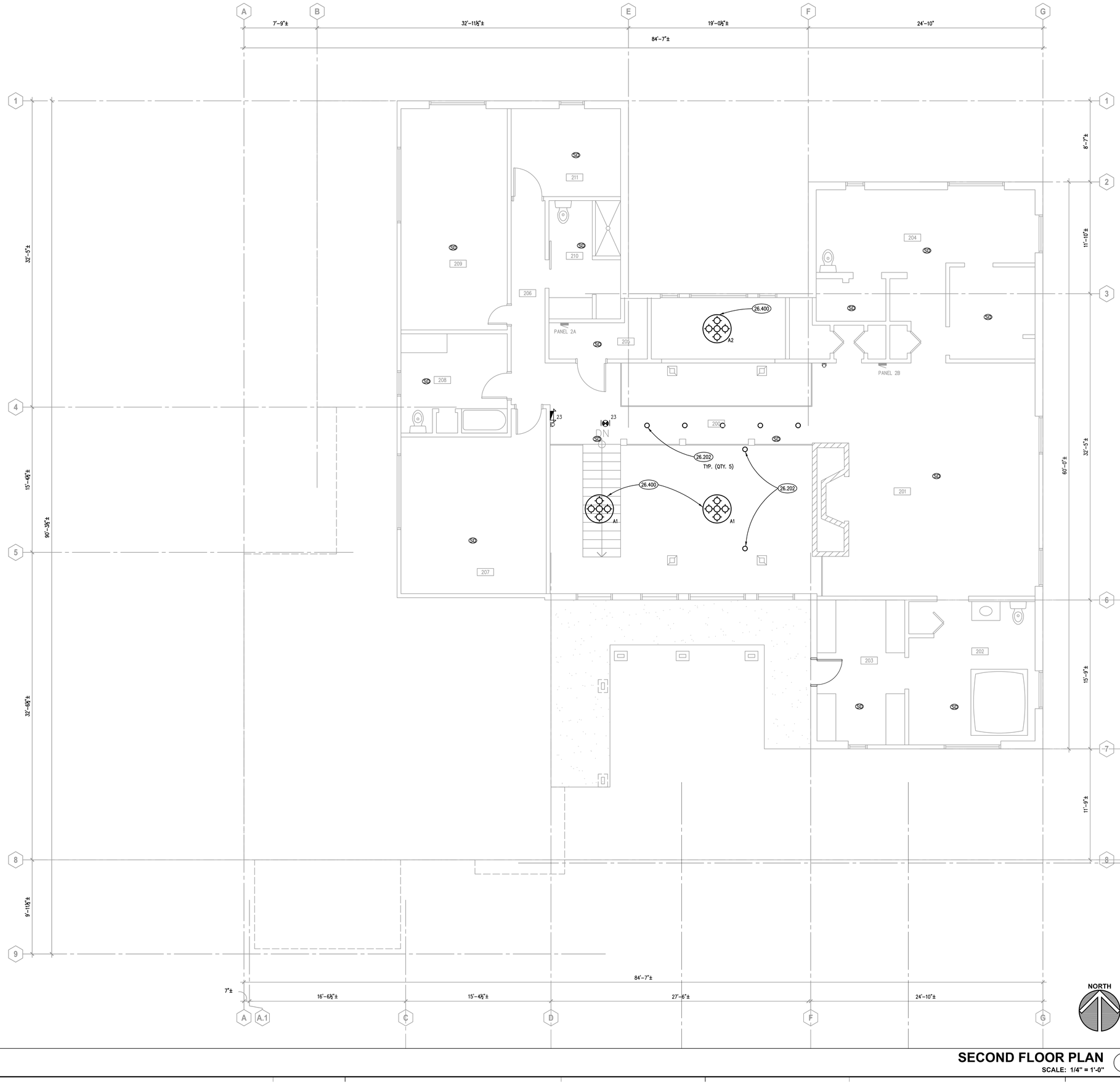
SHEET TITLE
ELECTRICAL CANOPY & PATIO PLAN

SHEET NUMBER
E311

NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

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SECOND FLOOR PLAN

SCALE: 1/4" = 1'-0"

1

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

26.202 FIELD VERIFY EXISTING LUMINAIRES' LAMP TYPE. PROVIDE NEW LED REPLACEMENT LAMP FOR RECESSED CAN LIGHTING.

26.400 UNLESS NOTED OTHERWISE – EXTEND EXISTING WIRING TO NEW LIGHTING FIXTURE AS REQUIRED TO ENSURE A COMPLETE AND OPERATIONAL SYSTEM.

ROOM SCHEDULE

RM. NO.	ROOM NAME	RM. NO.	ROOM NAME
100	NOT USED	120	EXISTING STORAGE
101	NOT USED		
107	EXISTING LIVING ROOM		
108	EXISTING STORAGE		
109	EXISTING STORAGE		
110	EXISTING CORRIDOR	203.1	EXISTING CLOSET
111	EXISTING BATHROOM		
112	EXISTING JANITOR'S CLOSET		
113	EXISTING DINING ROOM		
114	EXISTING KEEPING ROOM		
115	EXISTING PANTRY		
116	EXISTING KITCHEN		
117	EXISTING VESTIBULE		
118	EXISTING FOYER		
119	EXISTING GARAGE		

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.

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KEN PICKERILL HOUSE RENOVATIONS

KENDALL COUNTY FOREST PRESERVE DISTRICT
110 W. MADISON STREET
YORKVILLE, IL 60560

ISSUED	
01/28/22	BID DOCUMENTS

JOB NO.	19-429-1250
DRAWN	ATR
CHECKED	MTK
APPROVED	MTK

SHEET TITLE

ELECTRICAL
SECOND FLOOR PLAN

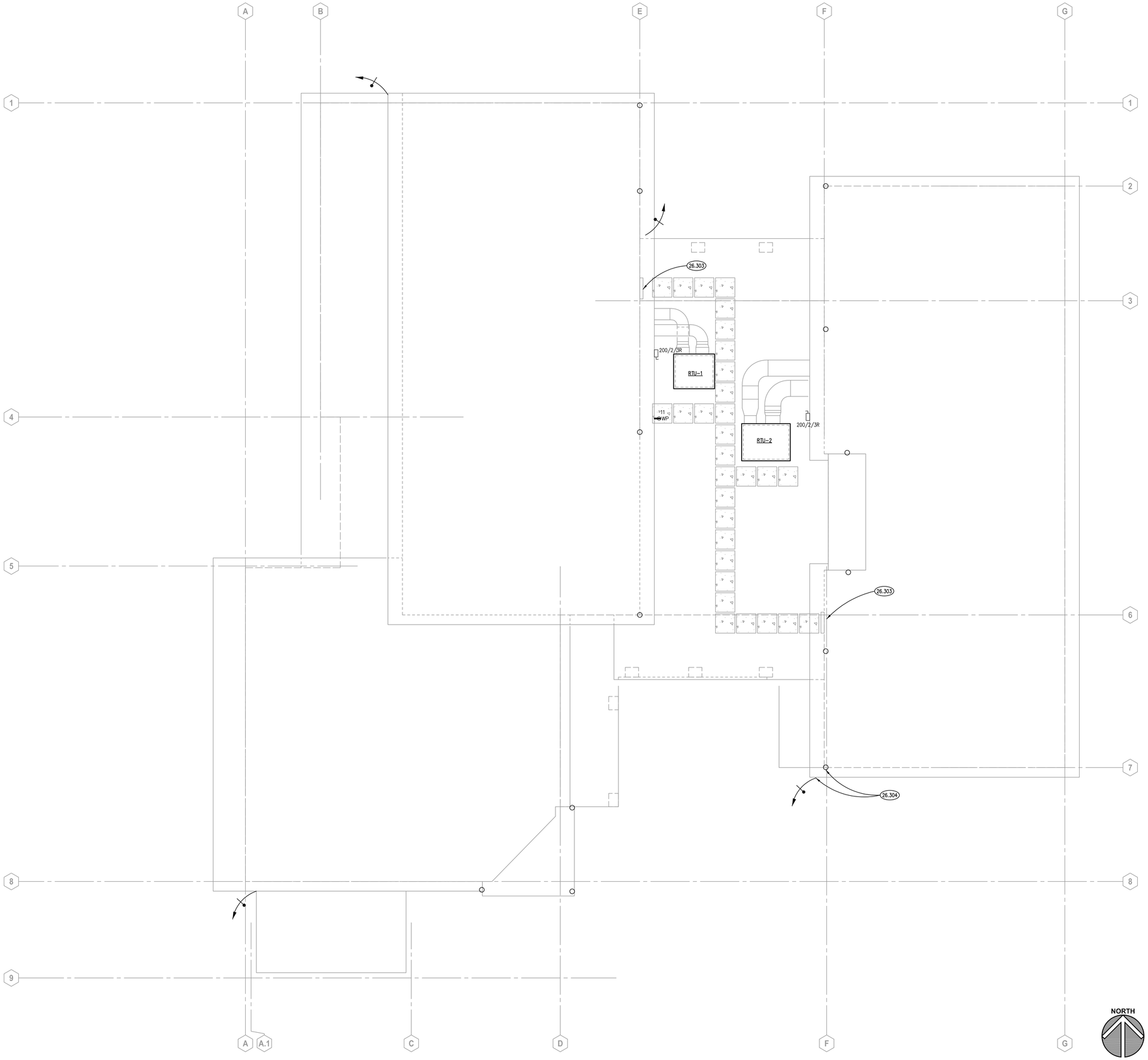
SHEET NUMBER

E320

NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

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ELECTRICAL ROOF PLAN (1)

SCALE: 1/4" = 1'-0"

NORTH

KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

26.303 EXTEND AND RECONNECT BRANCH CIRCUITRY TO ATTIC EXHAUST FANS AS NECESSARY TO ENSURE A COMPLETE AND OPERATIONAL SYSTEM.

26.304 RESTORE EXISTING LIGHTNING PROTECTION SYSTEM. ENSURE COMPLIANCE WITH NFPA 780. REFER TO SPECIFICATION SECTION 26 41 13.

GENERAL NOTES

1. REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.
2. INTENT OF DRAWINGS: THESE DRAWINGS ARE INTENDED TO RELAY TO CONTRACTOR A DESIGN INTENT. INCLUDE IN BID ALL LABOR AND MATERIALS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM AS REASONABLY INFERABLE, AS DETERMINED BY ARCHITECT, TO ACCOMPLISH THE INTENT OF THESE DRAWINGS.
3. REFER TO ARCHITECTURAL, PLUMBING, AND MECHANICAL PLANS, SHOP DRAWINGS AND MANUFACTURERS INSTALLATION INSTRUCTIONS FOR ADDITIONAL INFORMATION ON EXACT POWER, WIRING & ROUGH-IN REQUIREMENTS AND LOCATIONS OF DEVICES.
4. UNLESS NOTED OTHERWISE, ALL HOMERUNS SHALL CONSIST OF A MAXIMUM OF 2 CIRCUITS (PHASE A & B, NEUTRAL & GROUND) IN 1/2"C. MINIMUM WIRE SIZE SHALL BE #12 AWG. WIRE SIZE FOR HOMERUN CIRCUITS SHALL BE 2#12, 1#12N & 1#12G.).
5. SECURE ALL JUNCTION BOXES TO BUILDING STRUCTURE PER NEC REQUIREMENTS.

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DRAWN	ATR
CHECKED	MTK
APPROVED	MTK

SHEET TITLE

ELECTRICAL ROOF PLAN

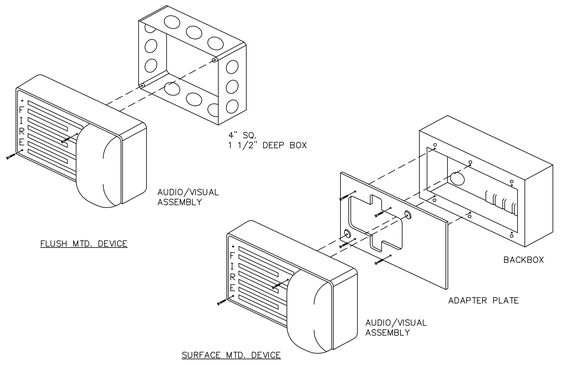
SHEET NUMBER

E330

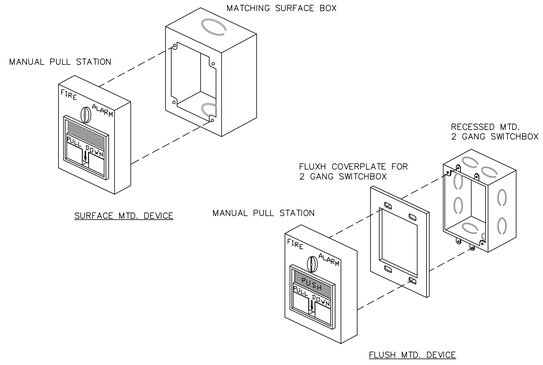
NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

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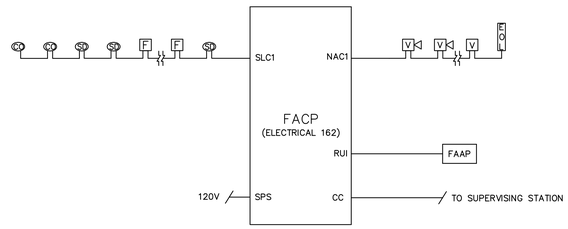
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A/V MOUNTING DETAIL (6)
SCALE: N.T.S.



PULL STATION MOUNTING DETAIL (5)
SCALE: N.T.S.



NOTE:

1. INDICATED QUANTITIES ARE NOT EXACT AND ARE NOT TO BE USED FOR ESTIMATING PURPOSES. DEVICE QUANTITIES AND LOCATIONS ARE INDICATED ON THE FLOOR PLAN DRAWINGS. WHERE A CONFLICT EXISTS BETWEEN THESE QUANTITIES AND THE FLOOR PLAN QUANTITIES, THE HIGHER QUANTITY SHALL BE REQUIRED.
2. ROUTE ALL CABLING TO DESIGNATED ELECTRICAL CLOSETS. NEATLY TRAIN AND MAKE CABLE TERMINATIONS AT ELECTRICAL CLOSETS. HOMERUN ALL CABLES FROM DESIGNATED ELECTRICAL CLOSETS. LOCATE ALL FIELD EQUIPMENT IN DESIGNATED ELECTRICAL CLOSETS.
3. NAC PANELS SERVING SIMILAR AREAS SHALL HAVE ALL VISUALS SYNCHRONIZED.

FIRE ALARM RISER DIAGRAM (3)
SCALE: N.T.S.

PANEL : C (EXISTING) — **60 AMP MAIN LUG ONLY**

CKT. NO.	BRKR	DESCRIPTION	PHASE A	PHASE B	DESCRIPTION	BRKR	CKT. NO.
1	1P30	PAVILION LIGHTS & OUTLETS			PAVILION LIGHTS & OUTLETS	1P30	2
3	-	-			-	-	4
5	-	-			-	-	6

NOTES:

TOTAL PHASE A:	0	MOUNTING:	SURFACE — VOLTAGE (LN): 120
TOTAL PHASE B:	0	RATING:	10000 AIC — VOLTAGE (LL): 240
		ENCLOSURE:	NEMA 1 — PHASE: 1
DEMAND VA:	0	FED FROM:	PANEL A-6/8 — WIRE: 3
DEMAND AMPS:	0	FEEDER SIZE:	EXISTING
		LOCATION:	WEST BASEMENT
		EXISTING PANELBOARD TO REMAIN	

PANEL : C (EXISTING) — **60 AMP MAIN LUG ONLY**

CKT. NO.	BRKR	DESCRIPTION	PHASE A	PHASE B	DESCRIPTION	BRKR	CKT. NO.
1	1P30	PAVILION LIGHTS & OUTLETS			PAVILION LIGHTS & OUTLETS	1P30	2
3	***1P20***	***SITE BOLLARD LIGHTS, HARDSCAPE LIGHTS***		360	***RECEPTACLE - LANDSCAPE WEST***	***1P20***	4
5	***1P20***	***CANOPY LIGHTING***	406.5		-	-	6

NOTES.

TOTAL PHASE A:	0	MOUNTING:	SURFACE — VOLTAGE (LN): 120
TOTAL PHASE B:	766.5	RATING:	10000 AIC — VOLTAGE (LL): 240
		ENCLOSURE:	NEMA 1 — PHASE: 1
DEMAND VA:	766.5	FED FROM:	PANEL A-6/8 — WIRE: 3
DEMAND AMPS:	1.8	FEEDER SIZE:	EXISTING
		LOCATION:	WEST BASEMENT
		EXISTING PANELBOARD TO REMAIN	

PANEL : MDP — **600 AMP MAIN BREAKER**

CKT. NO.	BRKR	DESCRIPTION	PHASE A	PHASE B	DESCRIPTION	BRKR	CKT. NO.
1	2P225	PANEL 1	0		PANEL A	2P200	2
3	/			0		/	4
5	2P200	DISCONNECT 'D1'	2423.9		PANEL 2	2P100	6
7	/		E	3194		/	8
9	2P150	RTU-1	14718	E	RTU-2	2P150	10
11	/		14718	14718		/	12
13	2P30	EWH-1	2250	14718	EWH-2	2P30	14
15	/		2500	2250		/	16
17	2P40	DISCONNECT 'D2'	E	2500	DISCONNECT 'D3' - WELL PUMP	2P30	18
19	/		E	E		/	20
21	2P200	PANEL 2A	0		-	-	22
23	/		E	0	-	-	24
25	-	-	0		-	-	26
27	-	-		0	-	-	28
29	-	-	0		-	-	30
31	-	-		0	-	-	32
33	-	-	0		-	-	34
35	-	-		0	-	-	36
37	-	-	0		-	-	38
39	-	-		0	-	-	40

NOTES:

TOTAL PHASE A:	36609.9	MOUNTING:	SURFACE — VOLTAGE (LN): 120
TOTAL PHASE B:	37380	RATING:	22000 — VOLTAGE (LL): 240
		ENCLOSURE:	NEMA 1 — PHASE: 1
DEMAND VA:	73989.9	FED FROM:	UTILITY — WIRE: 3
DEMAND AMPS:	308.3	FEEDER SIZE:	2 SETS-350KCMIL, 3/0G,2 1/2"C
		LOCATION:	EAST BASEMENT
		NEW PANELBOARD. SERVICE ENTRANCE RATED.	

1. FIELD VERIFY EXISTING LOADS FED FROM MAIN DISCONNECT SWITCH.
2. PROVIDE CIRCUIT BREAKERS AND BRANCH CIRCUITRY FOR ALL

PANEL : 2 — **100 AMP MAIN LUG ONLY**

CKT. NO.	BRKR	DESCRIPTION	PHASE A	PHASE B	DESCRIPTION	BRKR	CKT. NO.
1	1P20	RESTROOM - LIGHTING, EXHAUST FANS, RECEPTACLE	360		RECEPTACLE - LANDSCAPE EAST	1P20	2
3	1P20	ELECTRIC WATER COOLER	1021	1080	RECEPTACLE - CANOPY	1P20	4
5	1P20	HWRP-1	717.6	370	LIGHTING - CANOPY	1P20	6
7	1P20	RECEPTACLE - PANEL	28	1104	LIGHTING - CANOPY	1P20	8
9	1P20	LIGHTING - VESTIBULE	210	180	LIGHTING - CANOPY	1P20	10
11	1P20	RECEPTACLE - ROOFTOP	87	180	SPARE	1P20	12
13	1P20	SPARE			SPARE	1P20	14
15	1P20	SPARE			SPARE	1P20	16
17	-	-			-	-	18
19	-	-			-	-	20
21	-	-			-	-	22
23	*1P20	EXIT SIGNS		250	FACP	1P20*	24
				30			

NOTES:
*PROVIDE HANDLELOCK CIRCUIT BREAKER.

TOTAL PHASE A:	2423.9	MOUNTING:	SURFACE — VOLTAGE (LN): 120
TOTAL PHASE B:	3194	RATING:	10000 — VOLTAGE (LL): 240
		ENCLOSURE:	NEMA 1 — PHASE: 1
DEMAND VA:	5617.9	FED FROM:	MDP — WIRE: 3
DEMAND AMPS:	23.4	FEEDER SIZE:	3#3,#8G,1"C
		LOCATION:	EAST BASEMENT
		NEW PANELBOARD.	

SCOPE OF WORK: DIRECT REPLACEMENT OF ROOFTOP UNIT EQUIPMENT WITH ELECTRIC HEAT, ELECTRIC WATER HEATERS, NORTHEAST REMODEL WITH ADDITION OF TWO TOILET ROOMS, DIRECT LIGHTING REPLACEMENT THROUGHOUT FIRST FLOOR, ADDITION OF FIRE ALARM SYSTEM WITH FULL SMOKE DETECTION, NEW EXTERIOR CANOPY WITH NEW LED LIGHTING, RECEPTACLES AND PROVISIONS FOR FUTURE SOLAR PV.

NOTE: THIS RENOVATION RESULTS IN MINIMAL ADDITIONAL NEW LOAD, NOMINALLY 20 AMPERES.

PANEL : 1 (EXISTING) — **225 AMP MAIN BREAKER**

CKT. NO.	BRKR	DESCRIPTION	PHASE A	PHASE B	DESCRIPTION	BRKR	CKT. NO.
1	2P30	***WATER HEATER***	0		SPARE	2P30	2
3	/		E	0		/	4
5	2PXX	DRYER	E	E	ELECTRIC HEAT	2P20	6
7	/		E	E		/	8
9	2P40	HEAT PUMP	E	E	*EXISTING*	1P20	10
11	/		E	E	*EXISTING*	1P20	12
13	2P60	*EXISTING*	E	E	*EXISTING*	1P20	14
15	/		E	E	*EXISTING*	1P15	16
17	2P100	ELECTRIC HEAT/FURNACE	E	E	*EXISTING*	1P20	18
19	/		E	E	OUTSIDE RECEPTACLE	1P20	20
					BASEMENT REC	1P20	

NOTES:

TOTAL PHASE A:	0	MOUNTING:	SURFACE — VOLTAGE (LN): 120
TOTAL PHASE B:	0	RATING:	10000 AIC — VOLTAGE (LL): 240
		ENCLOSURE:	NEMA 1 — PHASE: 1
DEMAND VA:	0	FED FROM MAIN DISCONNECT:	WIRE: 3
DEMAND AMPS:	0	FEEDER SIZE:	EXISTING
		LOCATION:	WEST BASEMENT
		EXISTING PANELBOARD TO REMAIN.	

PANEL : 1 (EXISTING) — **225 AMP MAIN BREAKER**

CKT. NO.	BRKR	DESCRIPTION	PHASE A	PHASE B	DESCRIPTION	BRKR	CKT. NO.
1	2P30	***SPARE***	0		SPARE	2P30	2
3	/		E	0		/	4
5	2PXX	DRYER	E	E	ELECTRIC HEAT	2P20	6
7	/		E	E		/	8
9	2P40	HEAT PUMP	E	E	*EXISTING*	1P20	10
11	/		E	E	*EXISTING*	1P20	12
13	2P60	*EXISTING*	E	E	*EXISTING*	1P20	14
15	/		E	E	*EXISTING*	1P15	16
17	2P100	ELECTRIC HEAT/FURNACE	E	E	*EXISTING*	1P20	18
19	/		E	E	OUTSIDE RECEPTACLE	1P20	20
					BASEMENT REC	1P20	

NOTES:

TOTAL PHASE A:	0	MOUNTING:	SURFACE — VOLTAGE (LN): 120
TOTAL PHASE B:	0	RATING:	10000 AIC — VOLTAGE (LL): 240
		ENCLOSURE:	NEMA 1 — PHASE: 1
DEMAND VA:	0	FED FROM MAIN DISCONNECT:	WIRE: 3
DEMAND AMPS:	0	FEEDER SIZE:	EXISTING
		LOCATION:	WEST BASEMENT
		EXISTING PANELBOARD TO REMAIN	

PANEL SCHEDULES (4)
SCALE: N.T.S.

EXTERIOR LUMINAIRE SCHEDULE - BASIS OF DESIGN

TYPE	DESCRIPTION	MFGR.	CATALOG NUMBER	VOLTAGE	SHIELDING	FINISH	MOUNTING	NOTE
OA1	LED WALL SCONCE UP/DOWN	TECH LIGHTING	700OWTEG 830 18 NN C Z UD UNV PC	120	N/A	DARK BRONZE	SURFACE (WALL)	
OA2	LED WALL SCONCE DOWNLIGHT	TECH LIGHTING	700OWTEG 830 18 W C Z DO UNV PC	120	N/A	DARK BRONZE	SURFACE (WALL)	
OB	LED BOLLARD	FC LIGHTING	FCBT690 UNV 42 3K 14L BZ LD	120	N/A	DARK BRONZE	BOLLARD 42"	
OC	LED RECESSED CAN W/ SLOPED CEILING ADAPTER	INDY LIGHTING	LB 75LM 30K 120 G4 90CRI ZT W' INSA8/15 SLOPED CEILING ADAPTER	120	N/A	WHITE	RECESSED (SLOPED CEILING)	
OD	LED HARDSCAPE LIGHT	VISTA OUTDOOR LIGHTING	SL 4263 DZ W LB2ND W/ vPRO2 TRANSFORMER	SEE NOTE 1	N/A	DARK BRONZE	RECESSED (WALL)	1
OE	LED SPOT LIGHT	VISTA OUTDOOR LIGHTING	1057-DZ-MF-30-D-MV-010-BD	120	BARN DOOR ACCESSORY	DARK BRONZE	STEM	

Notes:
1. PROVIDE LOW VOLTAGE TRANSFORMER (PRIMARY VOLTAGE: 120V, SECONDARY VOLTAGE: 15V, 75WATT) BY LIGHTING MANUFACTURER.

INTERIOR LUMINAIRE SCHEDULE - BASIS OF DESIGN

TYPE	DESCRIPTION	MFGR.	CATALOG NUMBER	VOLTAGE	SHIELDING	FINISH	MOUNTING	NOTE
A1	LED LINEAR CLUSTER PENDANT	SPI LIGHTING	SIP12200 L19WPT11 120-277V 3000K (5) 14W-45 DF_MA01 PSS OAH-6'	UNV (120V)	N/A	BLACK	SUSPENDED	
A2	LED LINEAR CLUSTER PENDANT	SPI LIGHTING	SIP12200 L19WPT11 120-277V 3000K No DL DF_MA01 PSS OAH-6'	UNV (120V)	N/A	BLACK	SUSPENDED	
B	LED SURFACE MOUNT DRUM	SPI LIGHTING	AIC11866 L100WPT11 120-277V 3000K H07.5 FB00	UNV (120V)	N/A	BLACK	SUSPENDED	
C	LED RECESSED CAN	PRESCOLITE	LTR-6RD-ML-30L-DM1-LTR-6RD-T-ML30K8WD-SSWCWT	UNV (120V)	N/A	WHITE	RECESSED (CEILING)	
D	LED PENDANT	SPI LIGHTING	SIP12125 L23W PT11 120-277V 3000K 14W-45 DF_MAO01 PSS	UNV (120V)	N/A	BLACK	SUSPENDED	
E	LED TRACK LIGHTING	PROGRESS LIGHTING	P9202-31 W/ 250 PAR 38 LED LAMP	UNV (120V)	N/A	BLACK	SURFACE (TRACK)	
F	LED LINEAR WALL MOUNT	SPI LIGHTING	SIW12169 4FT-L14WPT32 120-277V 3000K DF_MA01 REC	UNV (120V)	N/A	BLACK	SURFACE (WALL)	
EM	SELF-CONTAINED LED BATTERY LIGHT	DUAL LITE	EV SERIES	120V	N/A	BLACK	WALL	
EM-C	SELF-CONTAINED LED BATTERY LIGHT	DUAL LITE	EV4R SERIES	120V	N/A	WHITE	CEILING	
EX	SELF-CONTAINED LED EXIT SIGN, NICAD BATTERY	DUAL LITE	EVE SERIES	120V	N/A	BLACK	AS INDICATED ON	
EXEM	SELF-CONTAINED LED EXIT SIGN, NICAD BATTERY	DUAL LITE	EVC SERIES	120V	N/A	BLACK	AS INDICATED ON	

Notes:

LUMINAIRE SCHEDULES (2)
SCALE: N.T.S.

HVAC/PLUMBING EQUIPMENT SCHEDULE

NO.	DESCRIPTION	FLA	KW	HP	VOL	PH	DISC. FURN BY	STARTER TYPE	STARTER BY	CIRCUIT WIRING	NOTE
RTU-1	HEAT PUMP ROOFTOP UNIT	124	-	-	240	1	EC	UNIT	MFR	EXISTING TO REMAIN	
RTU-2	HEAT PUMP ROOFTOP UNIT	133	-	-	240	1	EC	UNIT	MFR	EXISTING TO REMAIN	
EF-1	EXHAUST FAN	1.8	-	-	120	1	PLUG	-	UNIT	2#12,#12G,1/2"C	
EWH-1	ELECTRIC WATER HEATER	-	5	-	240	1	EC	N/A	N/A	2#12,#12G,1/2"C	
EWH-2	ELECTRIC WATER HEATER	-	4.5	-	240	1	EC	N/A	N/A	2#12,#12G,1/2"C	
HWRP-1	HOT WATER RECIRCULATION PUMP	-	-	F	120	1	PLUG	-	UNIT	2#12,#12G,1/2"C	

NOTES:

HVAC/PLUMBING EQUIPMENT SCHEDULE (1)
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